

REF
354.353
GEI



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C



Geotechnical
Environmental and
Water Resources
Engineering

DEP RTN 3-23246

Volume 3: Appendix C, Appendix D and
Appendix E

**IRA Status Report No. 2 and Plan
Modification No. 3**

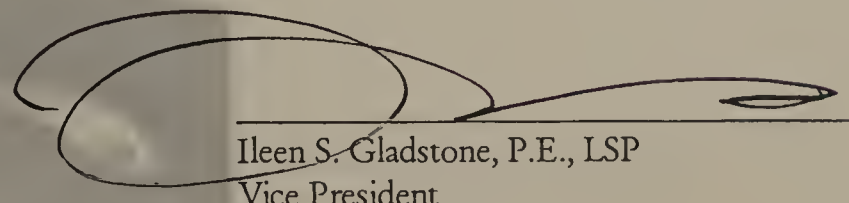
50 Tufts Street, Somerville, MA

Submitted to:
UniFirst Corporation
68 Jonspin Road
Wilmington, MA 01887

Submitted by:
GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890
781.721.4000

November 13, 2006
Project 04516-2

LOCAL
HISTORY
354.353
GEI



Ileen S. Gladstone, P.E., LSP
Vice President

Appendix B (continued)

Summa Canister Certifications and Air Sampling Laboratory Data Sheets



New England
ACCUTEST.
Laboratories

08/10/06

Technical Report for

GEI Consultants, Inc.

Indoor & Outdoor Air Samples Tufts St., Somerville MA

Accutest Job Number: M58364

Sampling Date: 08/03/06

Report to:

GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890-1970

ATTN: Richard Peary

Total number of pages in report: 279

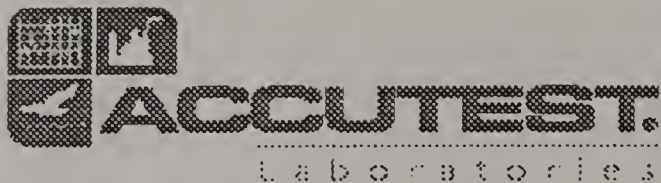


Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Reza Pand
Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579)
NY (23346) NJ (MA926) NAVY USACE

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SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: GEI Consultants, Inc.

Job No M58364

Site: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Report Date 8/10/2006 11:52:21 A

4 Sample(s) were collected on 08/03/2006 and were received at Accutest on 08/04/2006. These Samples received an Accutest job number of M58364. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR

Batch ID: MSQ69

- ⌘ All samples were analyzed within the recommended method holding time.
- ⌘ All method blanks for this batch meet method specific criteria.
- ⌘ Sample(s) M58073-3DUP were used as the QC samples indicated.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M58364).

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For
Non-USEPA/CLP Methods

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For
Non-USEPA/CLP Methods

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For
Non-USEPA/CLP Methods

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B.	Quality Control Summary	<u> </u>
i.	Method Blank and Spike Blank Results Summary	
ii.	Matrix Spike Results Summary	
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C.	Raw Data	<u> </u>
i.	Raw Data and instrument printouts	

SECTION 1 GENERAL

1. Sample Results
2. Chain of Custody
3. Sample Log-In Documents
4. Telephone Conversation Records/Fax/Notes

Sample Summary

GEI Consultants, Inc.

Job No: M58364

Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M58364-1	08/03/06	09:58 KW	08/04/06	AIR	Air	045160-27TUFTS-1
M58364-2	08/03/06	10:00 KW	08/04/06	AIR	Air	045160-27TUFTS-B
M58364-3	08/03/06	16:36 LW	08/04/06	AIR	Air	045160-23TUFTS-1
M58364-4	08/03/06	16:30 LW	08/04/06	AIR	Air	045160-23TUFTS-B

Report of Analysis

Client Sample ID:	045160-27TUFTS-1		
Lab Sample ID:	M58364-1	Date Sampled:	08/03/06
Matrix:	AIR - Air	Summa ID:	M112
Method:	TO-15	Date Received:	08/04/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
		Percent Solids:	n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1326.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.12	0.20	ppbv	J	0.81	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		57-139%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-27TUFTS-B		
Lab Sample ID:	M58364-2	Date Sampled:	08/03/06
Matrix:	AIR - Air	Summa ID:	M093
Method:	TO-15	Date Received:	08/04/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
		Percent Solids:	n/a

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1327.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

Run #	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.23	0.20	ppbv		1.6	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		57-139%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-23TUFTS-1

Lab Sample ID: M58364-3

Date Sampled: 08/03/06

Matrix: AIR - Air Summa ID: M069

Date Received: 08/04/06

Method: TO-15

Percent Solids: n/a

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1328.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.11	0.20	ppbv	J	0.69	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.4	0.20	ppbv		9.5	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81 %		57-139 %

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-23TUFTS-B		
Lab Sample ID:	M58364-4	Date Sampled:	08/03/06
Matrix:	AIR - Air	Summa ID:	M138
Method:	TO-15	Date Received:	08/04/06
Project:	Indoor & Outdoor Air Samples Tufts St., Somerville MA		
		Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q1329.D	1	08/08/06	PB	n/a	n/a	MSQ69
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	64.52	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.11	0.20	ppbv	J	0.69	1.3	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.11	0.20	ppbv	J	0.60	1.1	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.5	0.20	ppbv		10	1.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		57-139%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Sample Tracking Chronicle
- Internal Chain of Custody

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M58364

Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M58364-1	Collected: 03-AUG-06 09:58 By: KW	Received: 04-AUG-06 By: RS				
045160-27TUFTS-1						
M58364-1	TO-15	08-AUG-06 11:27	PB			VTO15STD
M58364-2	Collected: 03-AUG-06 10:00 By: KW	Received: 04-AUG-06 By: RS				
045160-27TUFTS-B						
M58364-2	TO-15	08-AUG-06 12:15	PB			VTO15STD
M58364-3	Collected: 03-AUG-06 16:36 By: LW	Received: 04-AUG-06 By: RS				
045160-23TUFTS-1						
M58364-3	TO-15	08-AUG-06 13:02	PB			VTO15STD
M58364-4	Collected: 03-AUG-06 16:30 By: LW	Received: 04-AUG-06 By: RS				
045160-23TUFTS-B						
M58364-4	TO-15	08-AUG-06 13:58	PB			VTO15STD

- Chloroethane
- Carbon Tetrachloride
- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- 1,2-Dichloroethane
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Summa Certification Blanks

M58364 - 1 (M112)

M58364 - 2 (M093)

M58364 - 3 (M069)

M58364 - 4 (M138)

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q921.D
 Acq On : 20 Jun 2006 11:46 am
 Operator : PhilipB
 Sample : M57220-24 (M112)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 13:27:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.731	128	235011	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.564	114	1058198	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.809	117	833570m	10.00	PPBV	0.00

System Monitoring Compounds

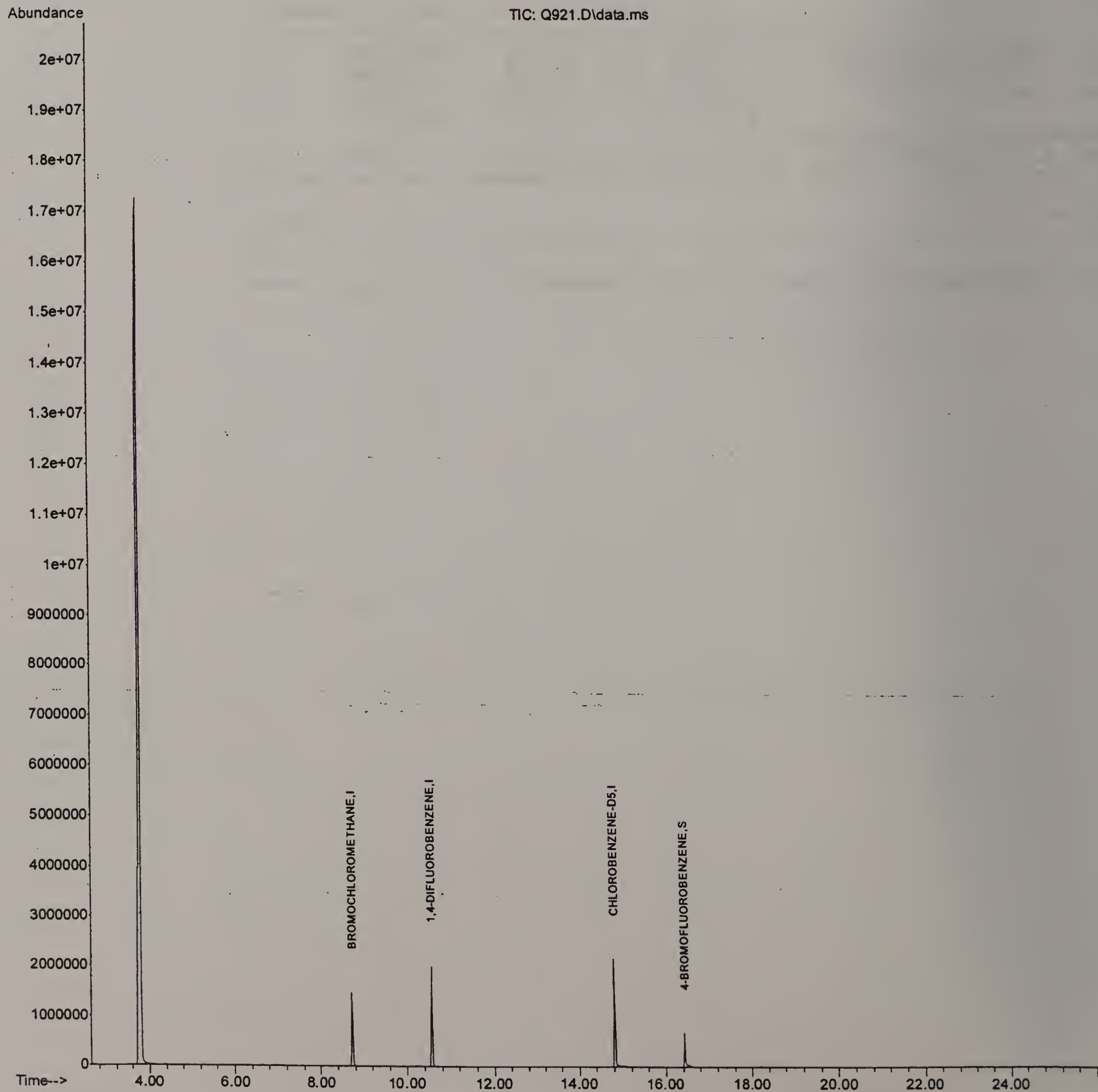
61) 4-BROMOFLUOROBENZENE	16.430	95	250365m	4.40	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	88.00%

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q921.D
Acq On : 20 Jun 2006 11:46 am
Operator : PhilipB
Sample : M57220-24 (M112)
Misc : MS11641, MSQ50,,,,,1
ALS Vial : 5 Sample Multiplier: 1

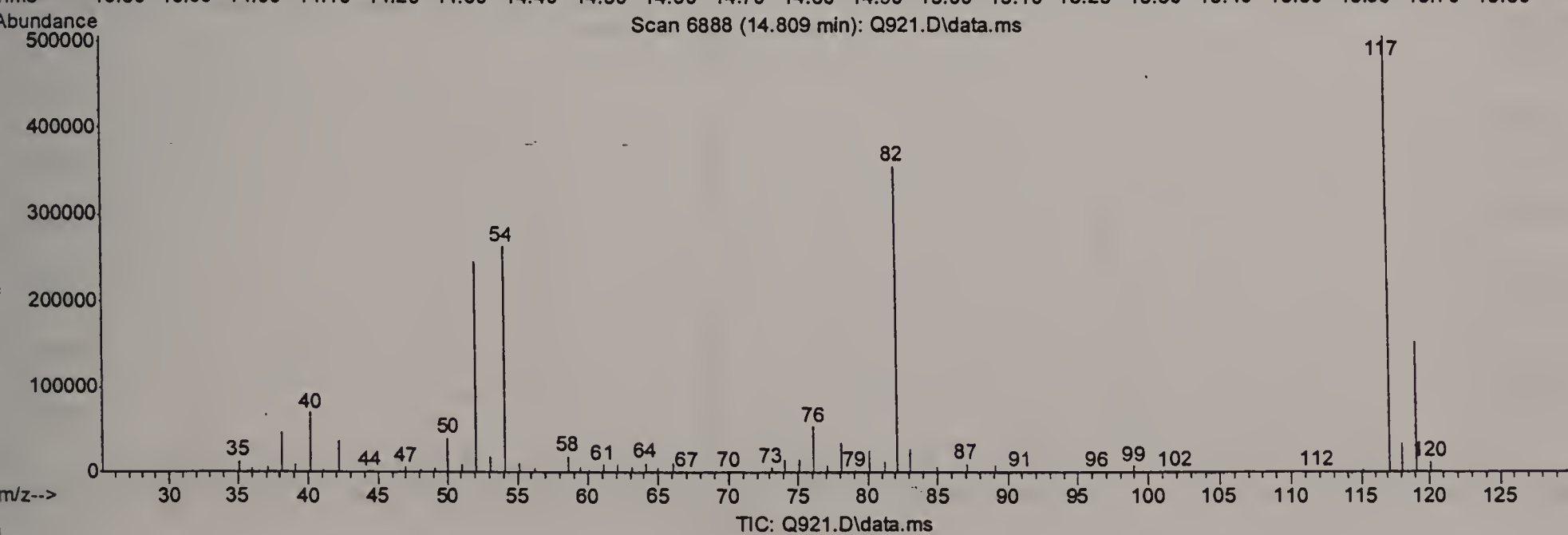
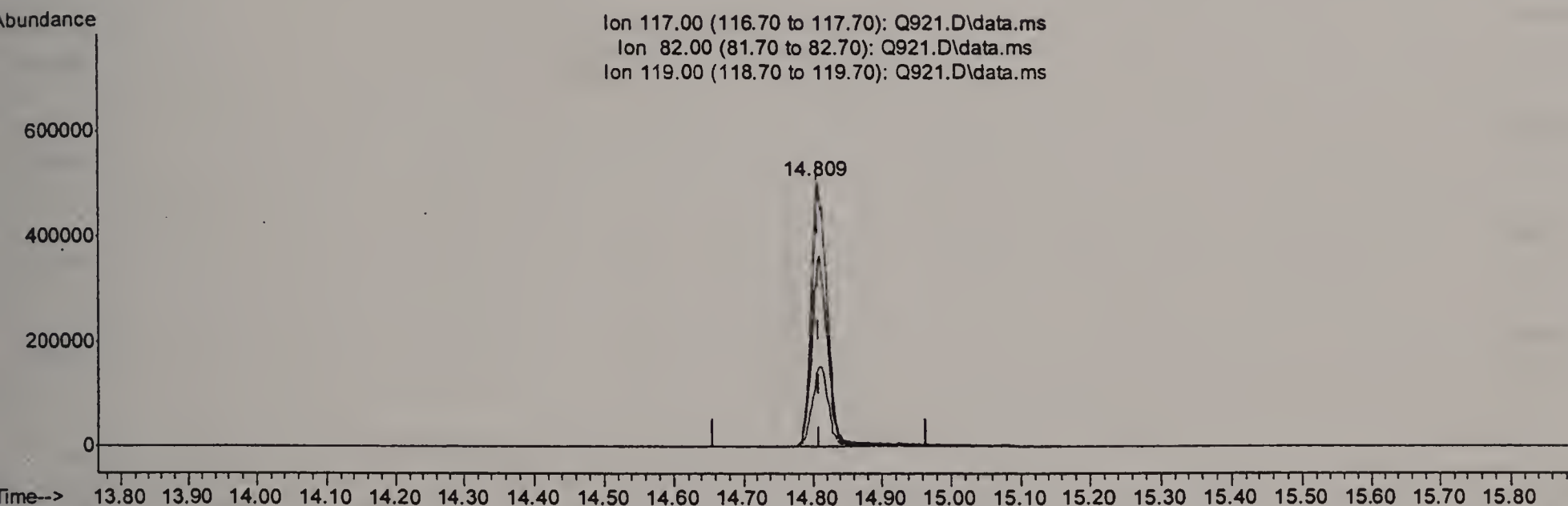
Quant Time: Jun 20 13:27:08 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q921.D
 Acq On : 20 Jun 2006 11:46 am
 Operator : PhilipB
 Sample : M57220-24 (M112)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 13:26:02 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.809min (-0.002) 10.00PPBV

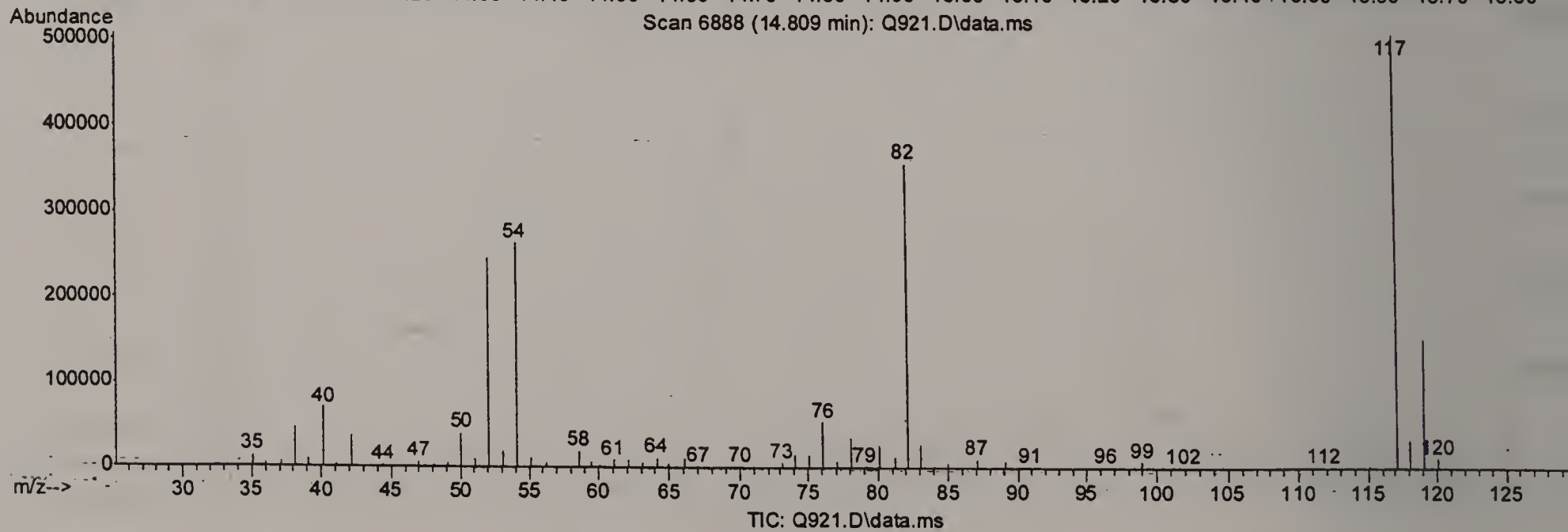
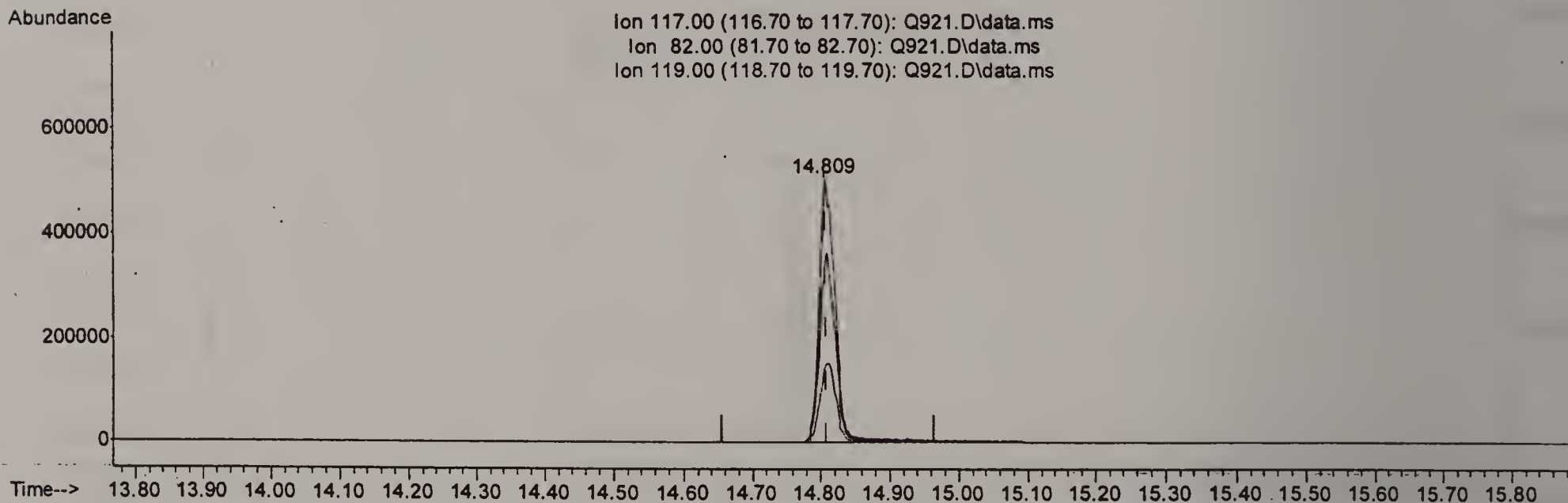
response 781791

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	71.39
119.00	31.70	31.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q921.D
 Acq On : 20 Jun 2006 11:46 am
 Operator : PhilipB
 Sample : M57220-24 (M112)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 13:26:02 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.809min (-0.002) 10.00PPBV m

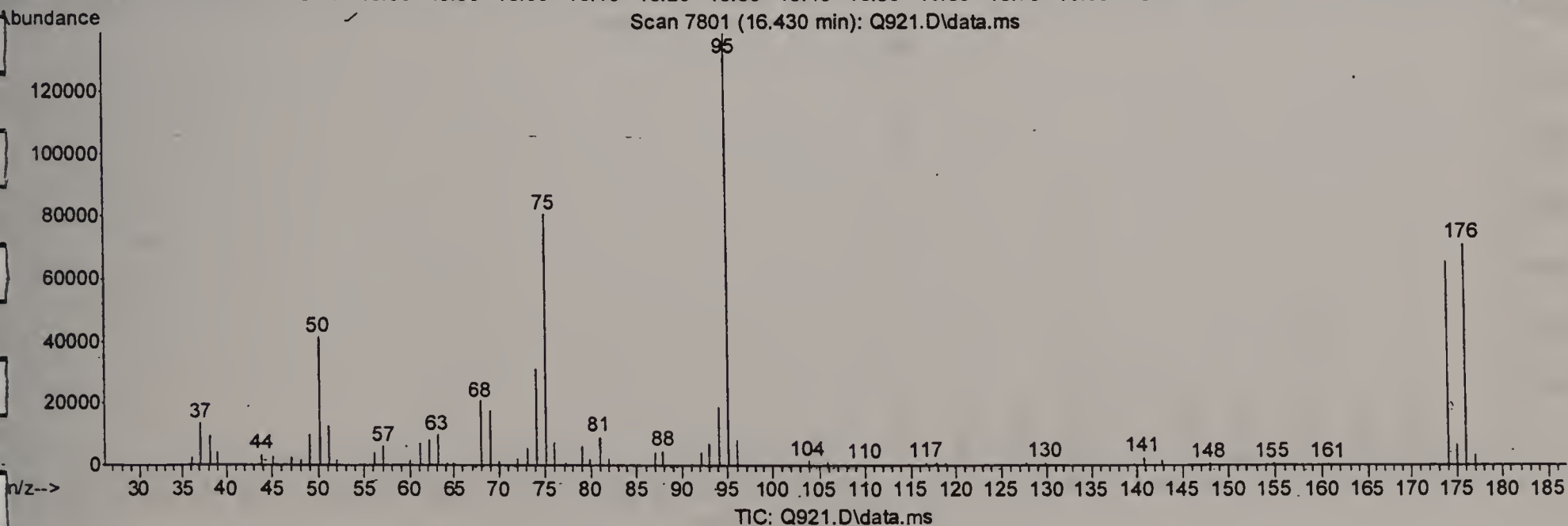
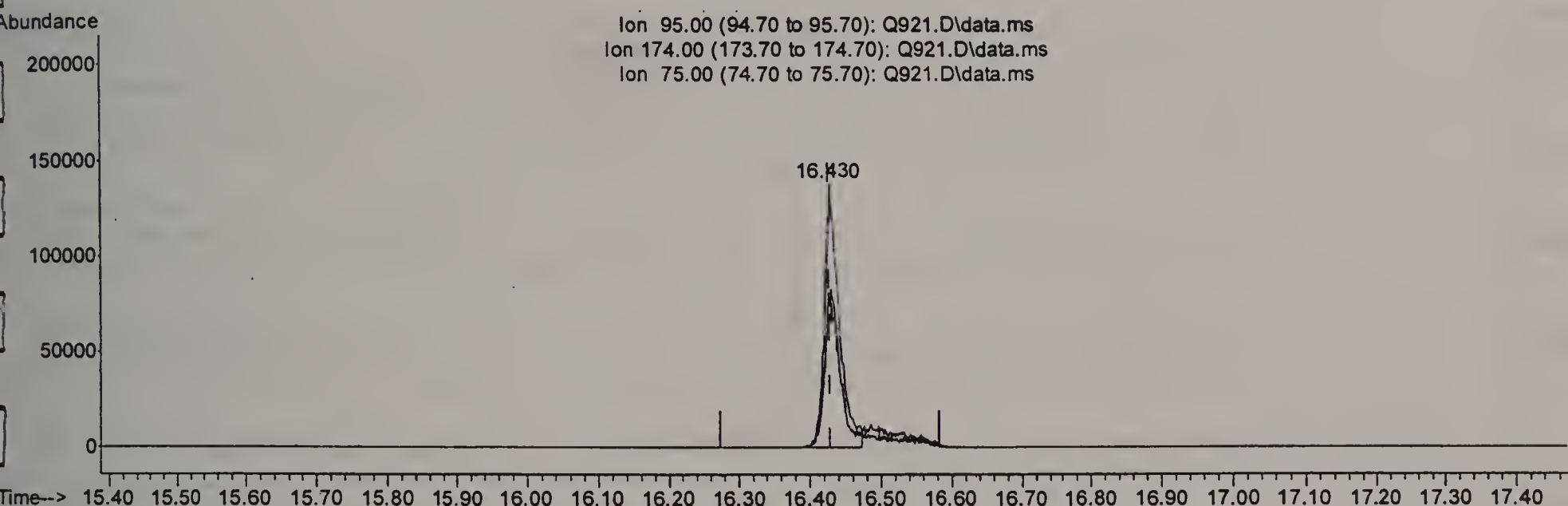
response 833570

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	66.96
119.00	31.70	29.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q921.D
 Acq On : 20 Jun 2006 11:46 am
 Operator : PhilipB
 Sample : M57220-24 (M112)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 13:26:02 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (-0.000) 3.63PPBV

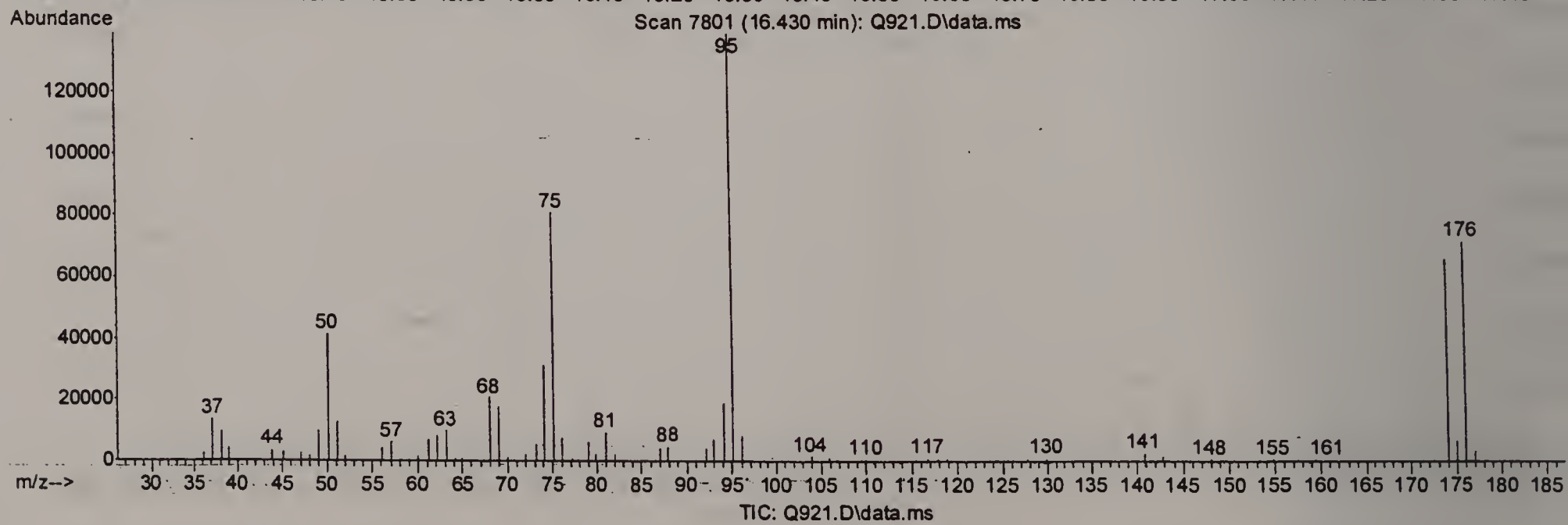
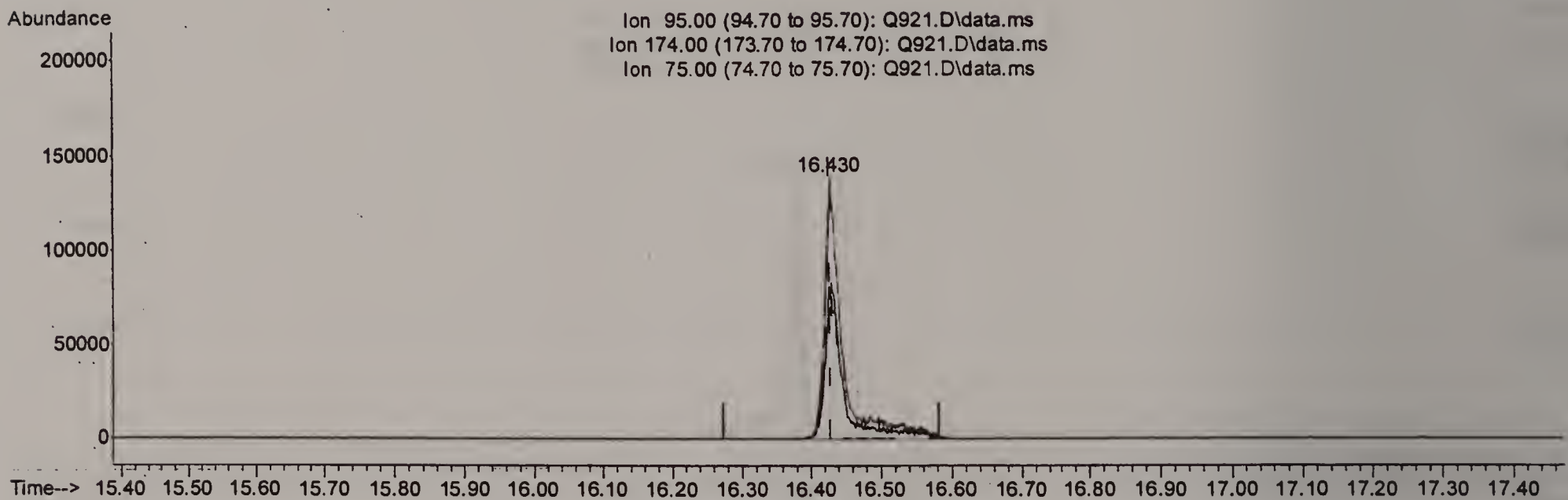
response 206488

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	62.47
75.00	52.30	68.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q921.D
 Acq On : 20 Jun 2006 11:46 am
 Operator : PhilipB
 Sample : M57220-24 (M112)
 Misc : MS11641, MSQ50,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 20 13:26:02 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.430min (-0.000) 4.40PPBV m

response 250365

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	51.52
75.00	52.30	56.09
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q888.D
 Acq On : 16 Jun 2006 8:44 pm
 Operator : PhilipB
 Sample : M57220-1 (M093)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 20 10:33:29 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.731	128	647932	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.563	114	3380766	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.810	117	2454286	10.00	PPBV	0.00

System Monitoring Compounds

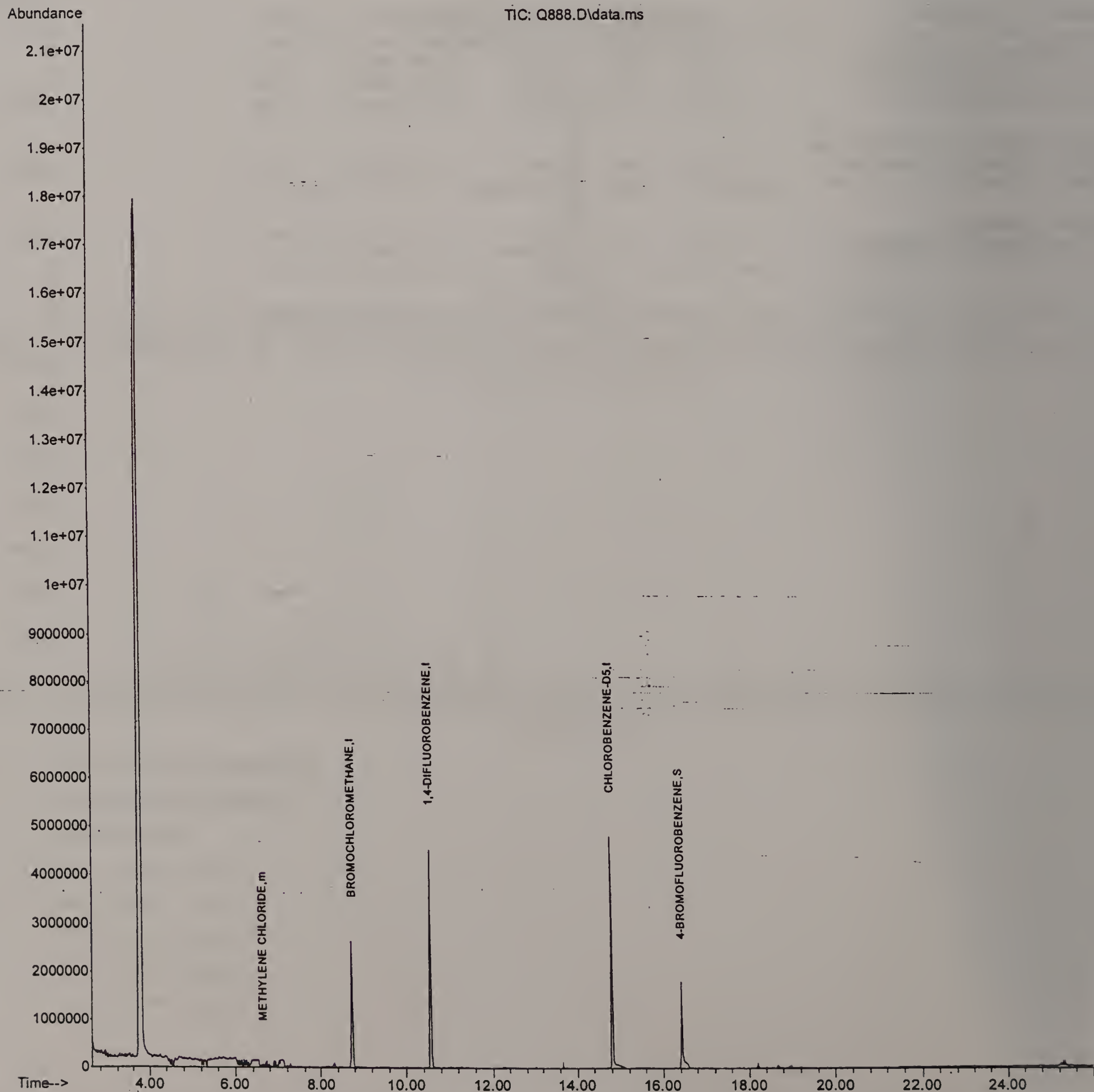
61) 4-BROMOFLUOROBENZENE	16.432	95	640557	3.82	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	76.40%

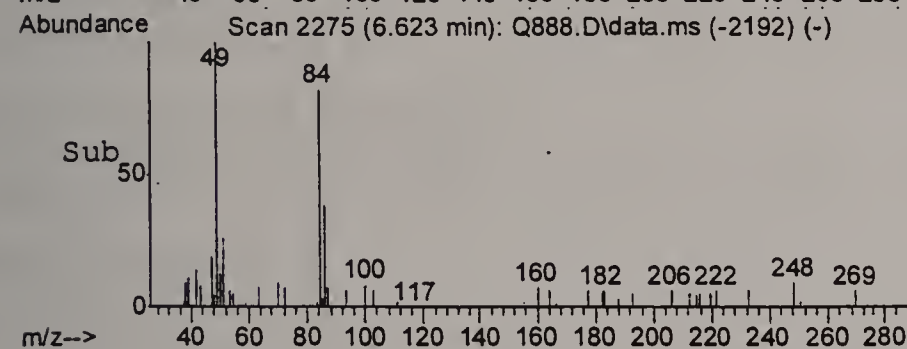
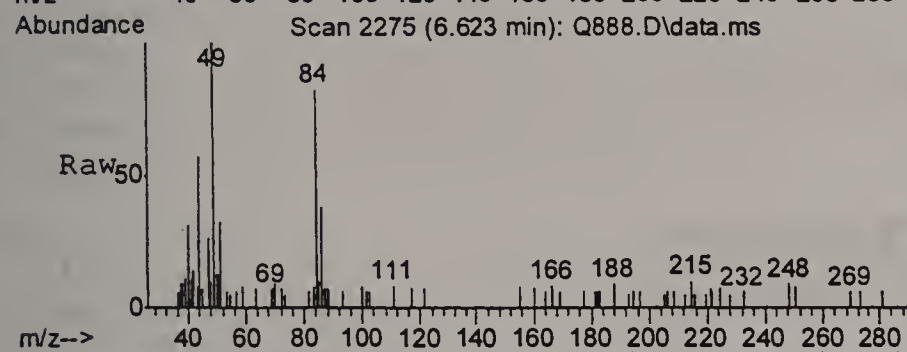
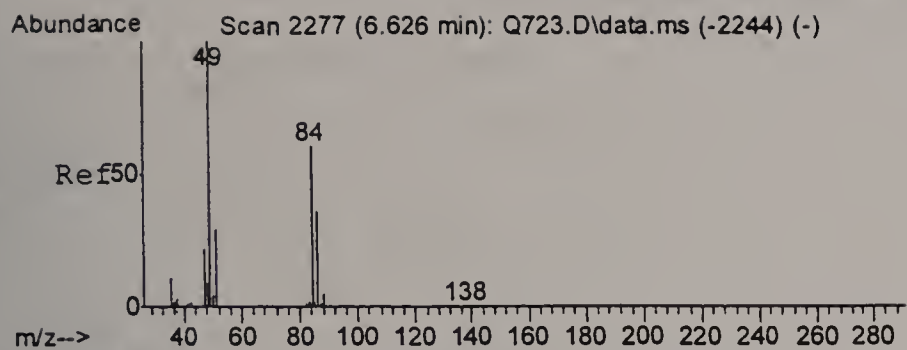
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) METHYLENE CHLORIDE	6.623	84	12449m	0.11	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q888.D
Acq On : 16 Jun 2006 8:44 pm
Operator : PhilipB
Sample : M57220-1 (M093)
Misc : MS11641, MSQ49,,,,,1
ALS Vial : 3 Sample Multiplier: 1

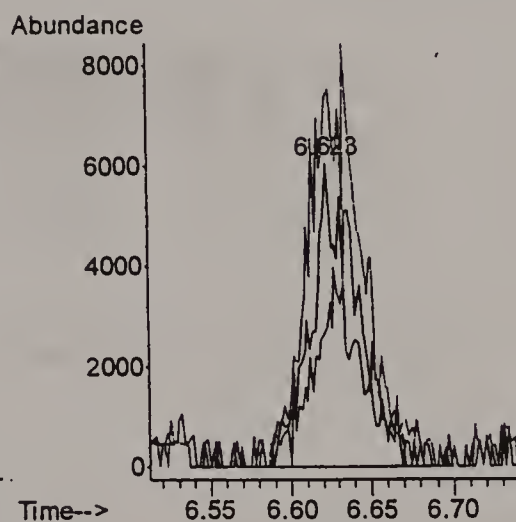
Quant Time: Jun 20 10:33:29 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration





#18
 METHYLENE CHLORIDE
 Concen: 0.11 PPBV m
 RT: 6.623 min Scan# 2275
 Delta R.T. -0.003 min
 Lab File: Q888.D
 Acq: 16 Jun 2006 8:44 pm

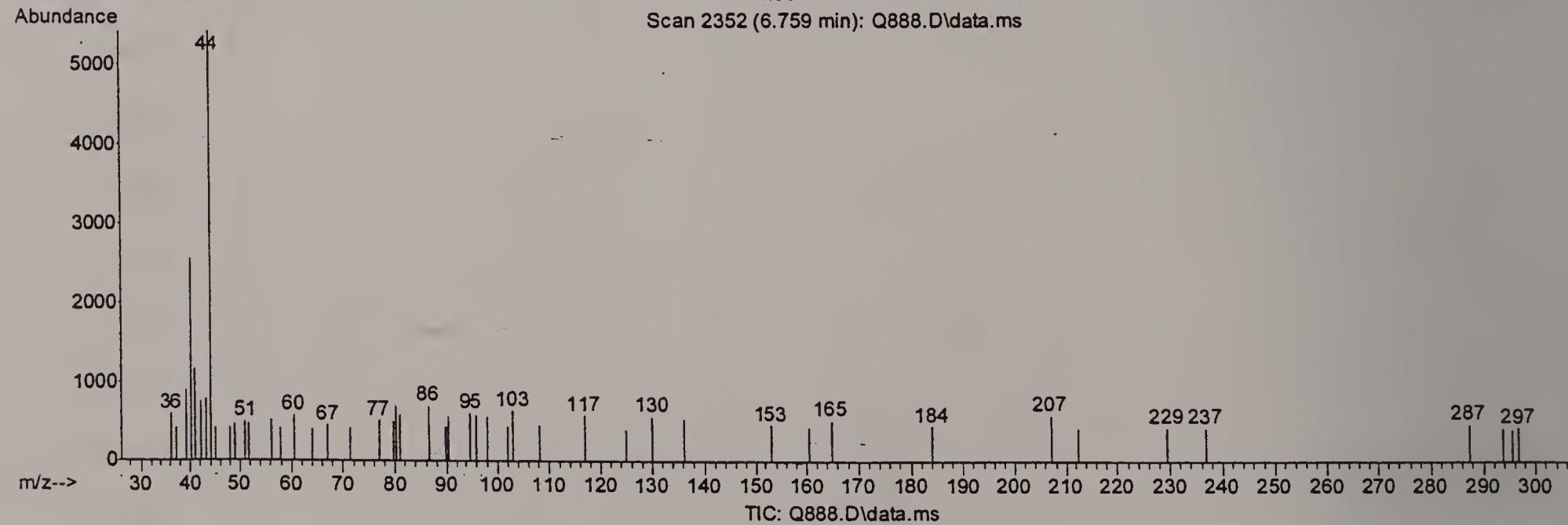
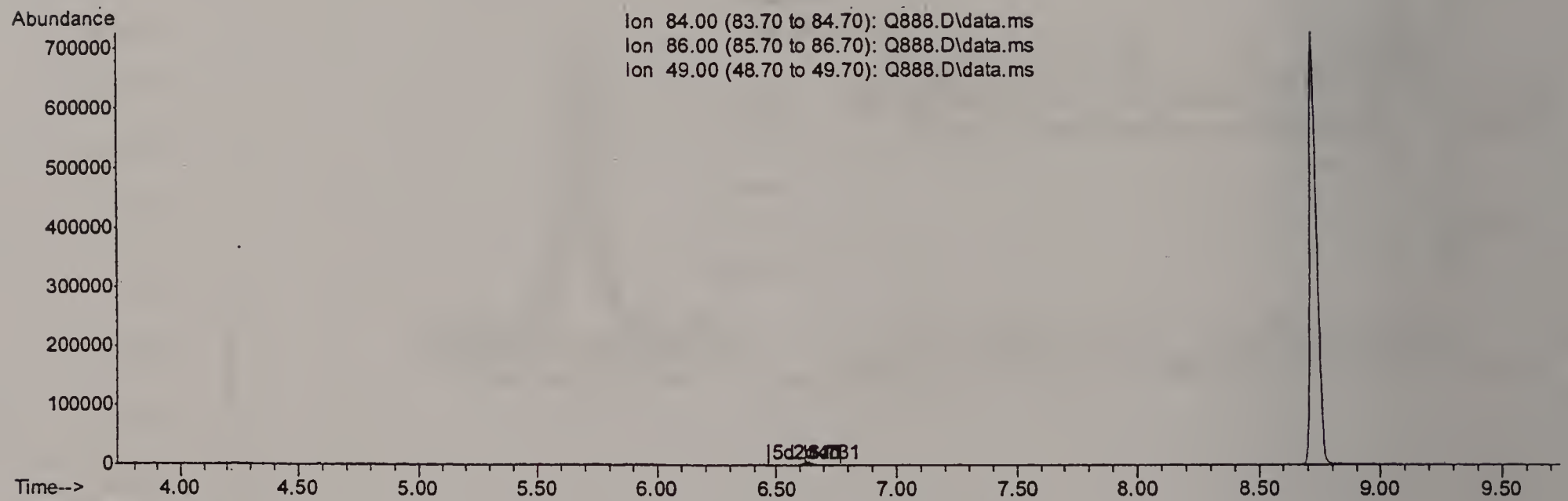
Tgt Ion	Ratio	Lower	Upper
84	100		
86	1.8	44.6	84.6#
49	3.2	0.7	400.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q888.D
 Acq On : 16 Jun 2006 8:44 pm
 Operator : PhilipB
 Sample : M57220-1 (M093)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 20 10:32:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.731min (+0.105) 0.00PPBV

response 408

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	53.43
49.00	200.70	97.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q889.D
 Acq On : 16 Jun 2006 9:29 pm
 Operator : PhilipB
 Sample : M57220-2 (M069)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 10:35:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.731	128	461624	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.562	114	2058993	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.809	117	1426229	10.00	PPBV	0.00

System Monitoring Compounds

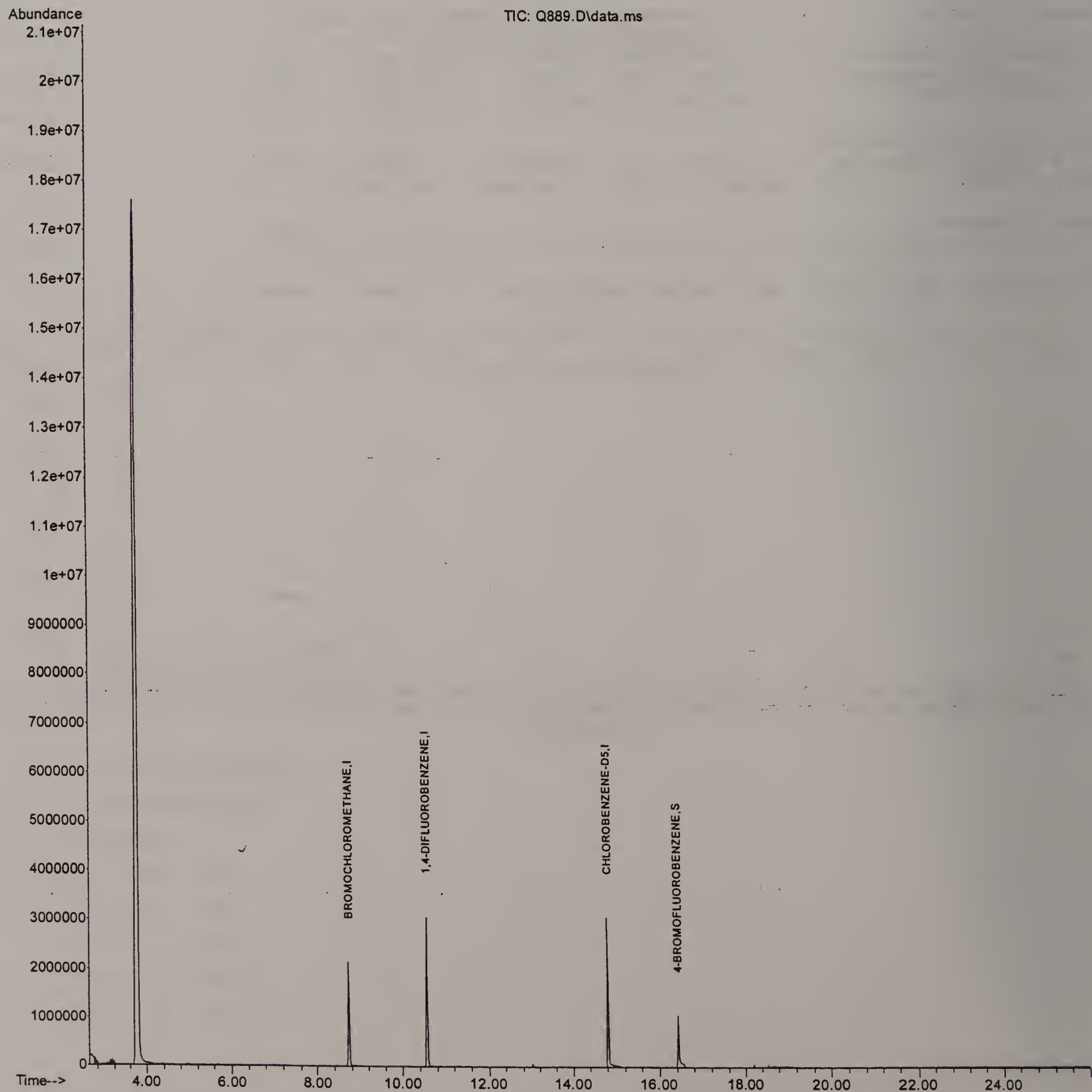
61) 4-BROMOFLUOROBENZENE	16.432	95	451884m	4.64	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.80%

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q889.D
Acq On : 16 Jun 2006 9:29 pm
Operator : PhilipB
Sample : M57220-2 (M069)
Misc : MS11641, MSQ49,,,,,1
ALS Vial : 6 Sample Multiplier: 1

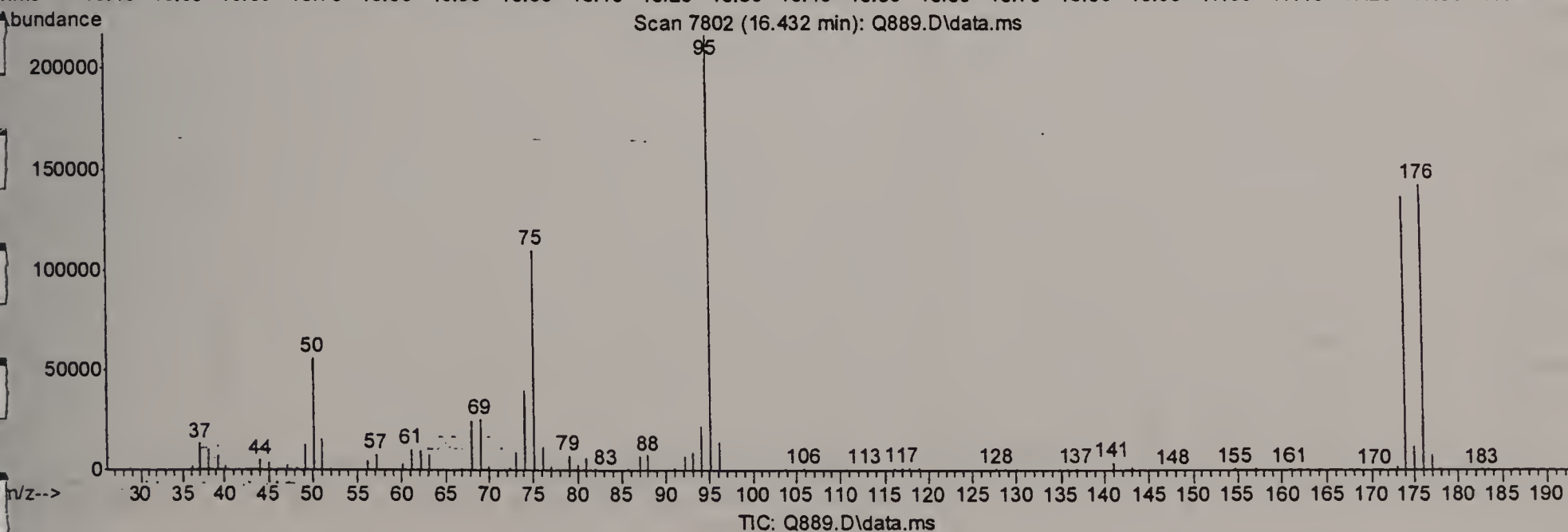
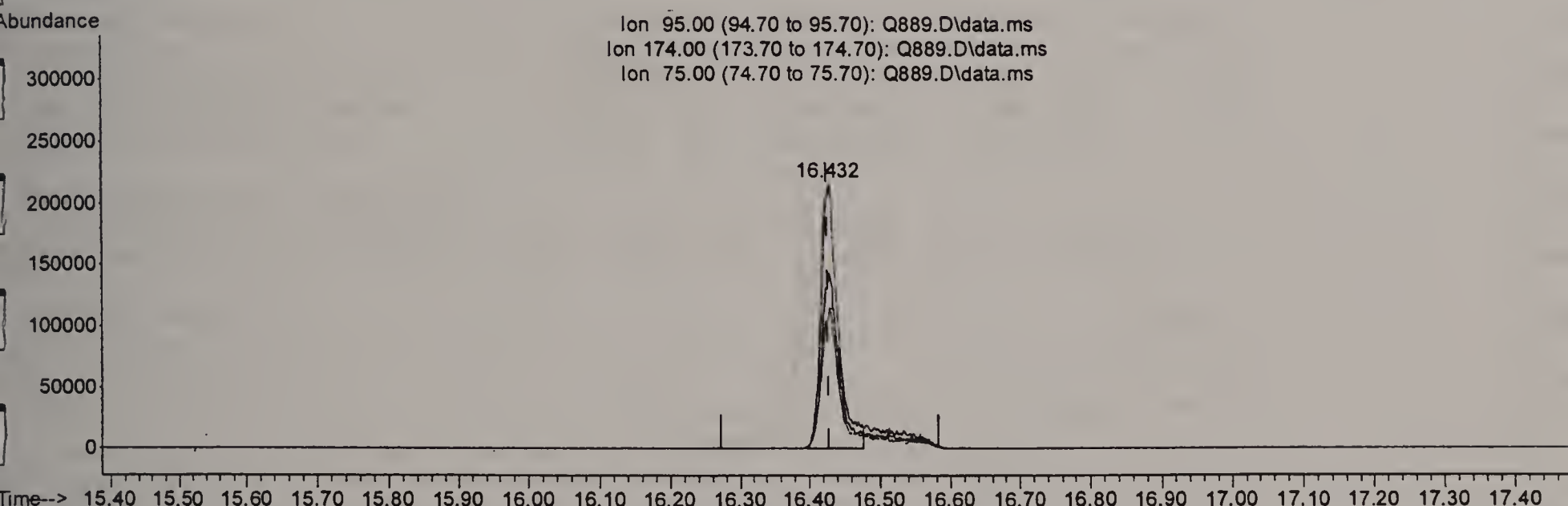
Quant Time: Jun 20 10:35:32 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q889.D
 Acq On : 16 Jun 2006 9:29 pm
 Operator : PhilipB
 Sample : M57220-2 (M069)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 10:35:05 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.432min (+0.002) 3.85PPBV

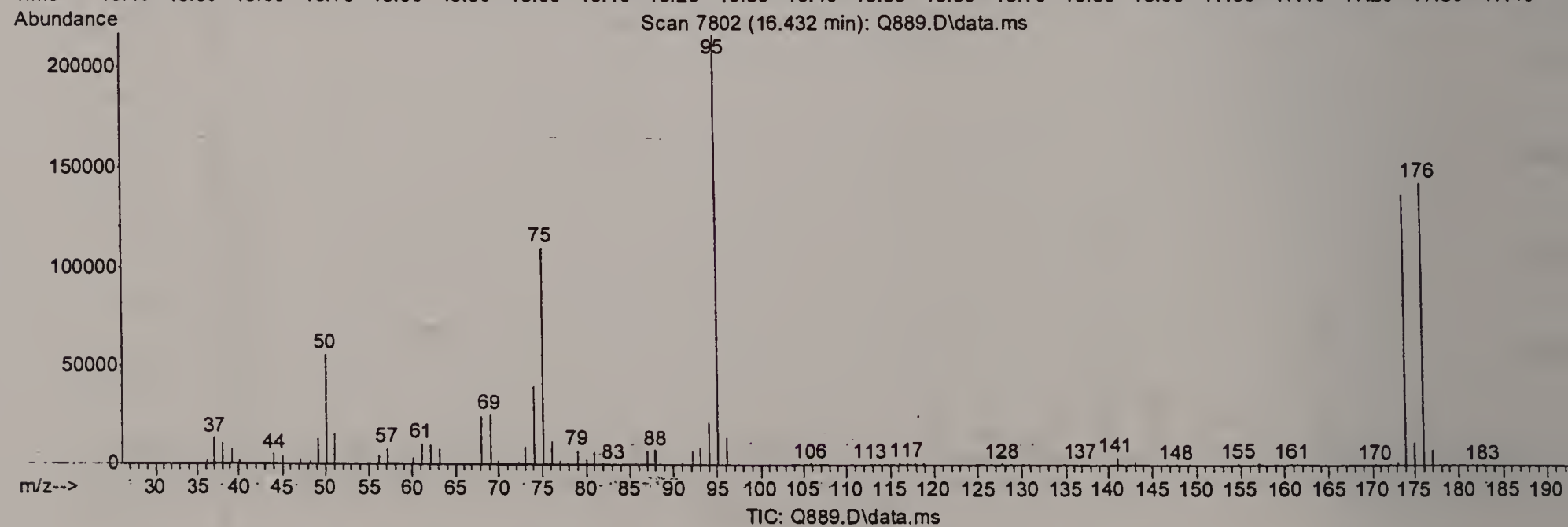
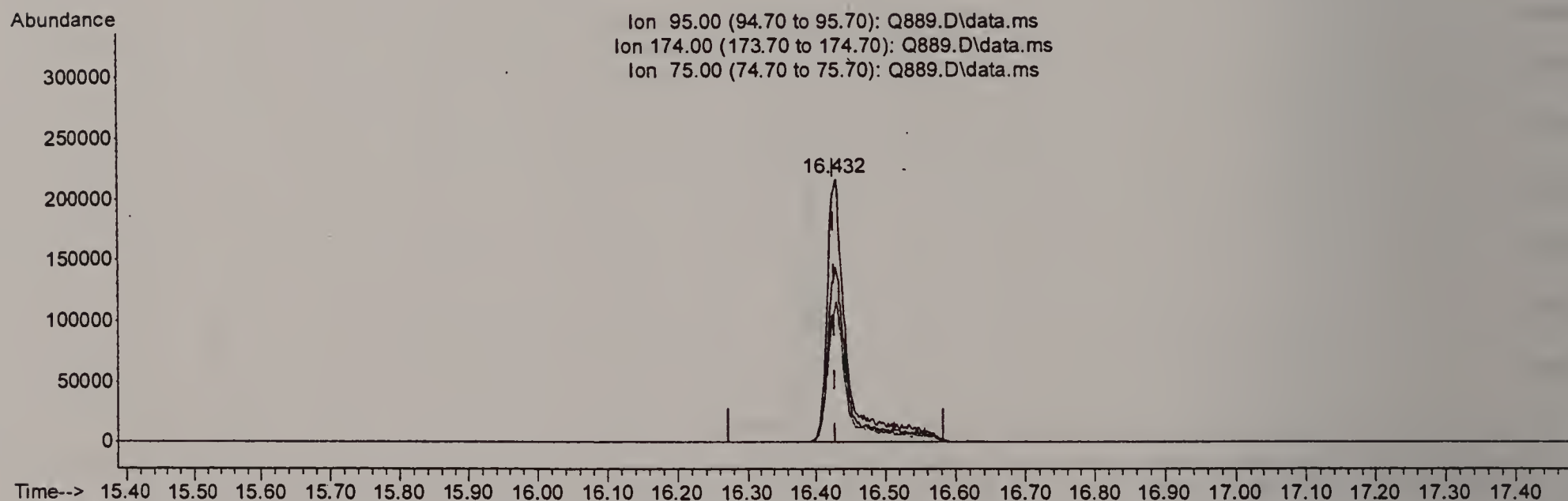
response 374928

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	65.26
75.00	52.30	50.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q889.D
 Acq On : 16 Jun 2006 9:29 pm
 Operator : PhilipB
 Sample : M57220-2 (M069)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 10:35:05 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.432min (+0.002) 4.64PPBV m

response 451884

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	54.15
75.00	52.30	42.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q898.D
 Acq On : 17 Jun 2006 4:12 am
 Operator : PhilipB
 Sample : M57220-9 (M138)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 10:53:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration

Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.729	128		261815	10.00	PPBV	0.00
35) 1,4-DIFLUOROBENZENE	10.562	114		1198194	10.00	PPBV	0.00
49) CHLOROBENZENE-D5	14.809	117		958079m	10.00	PPBV	0.00

System Monitoring Compounds

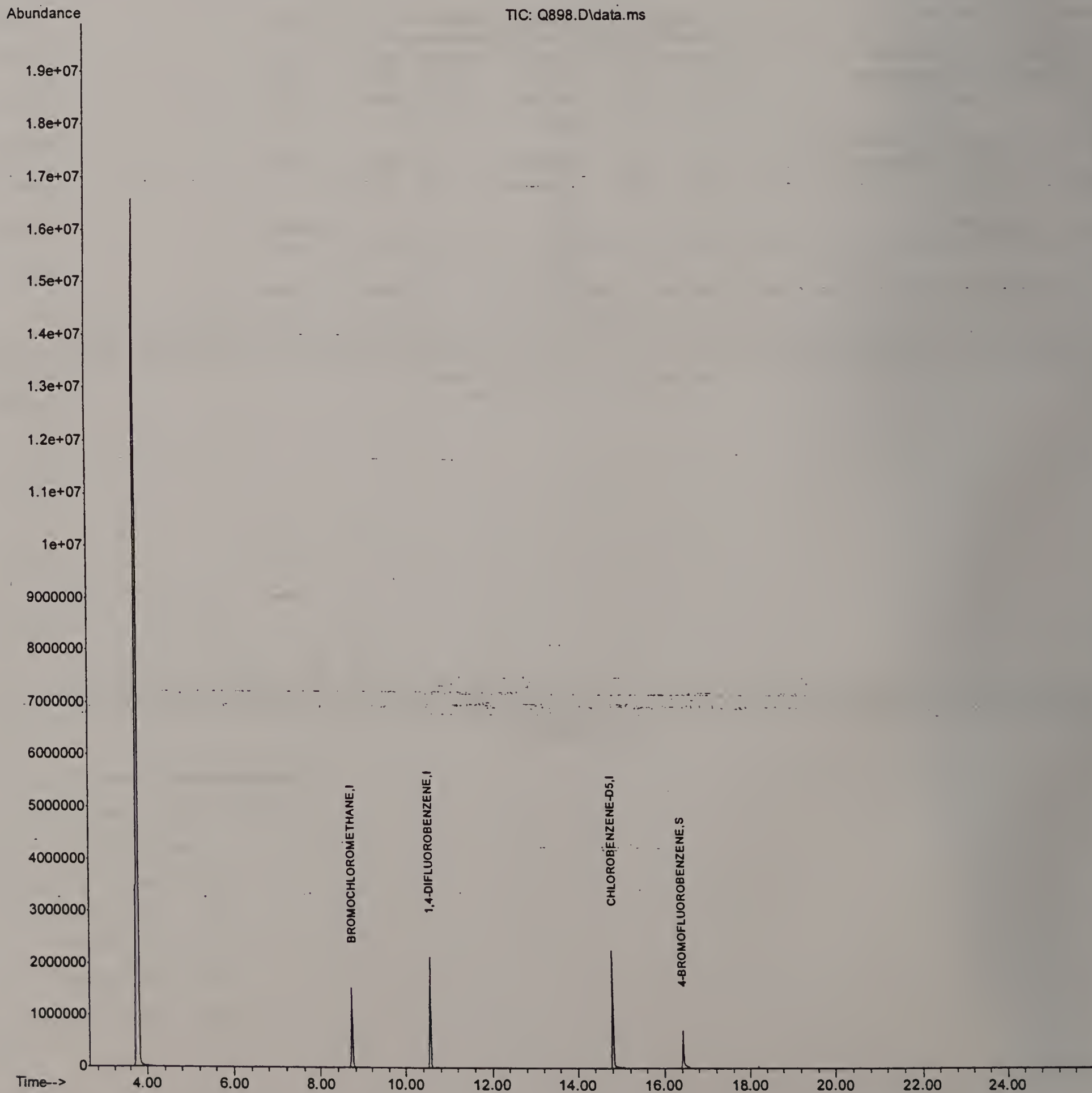
61) 4-BROMOFLUOROBENZENE	16.428	95		284850m	4.35	PPBV	0.00
Spiked Amount	5.000	Range	57 - 139	Recovery	=	87.00%	

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\
Data File : Q898.D
Acq On : 17 Jun 2006 4:12 am
Operator : PhilipB
Sample : M57220-9 (M138)
Misc : MS11641, MSQ49,,,,,1
ALS Vial : 15 Sample Multiplier: 1

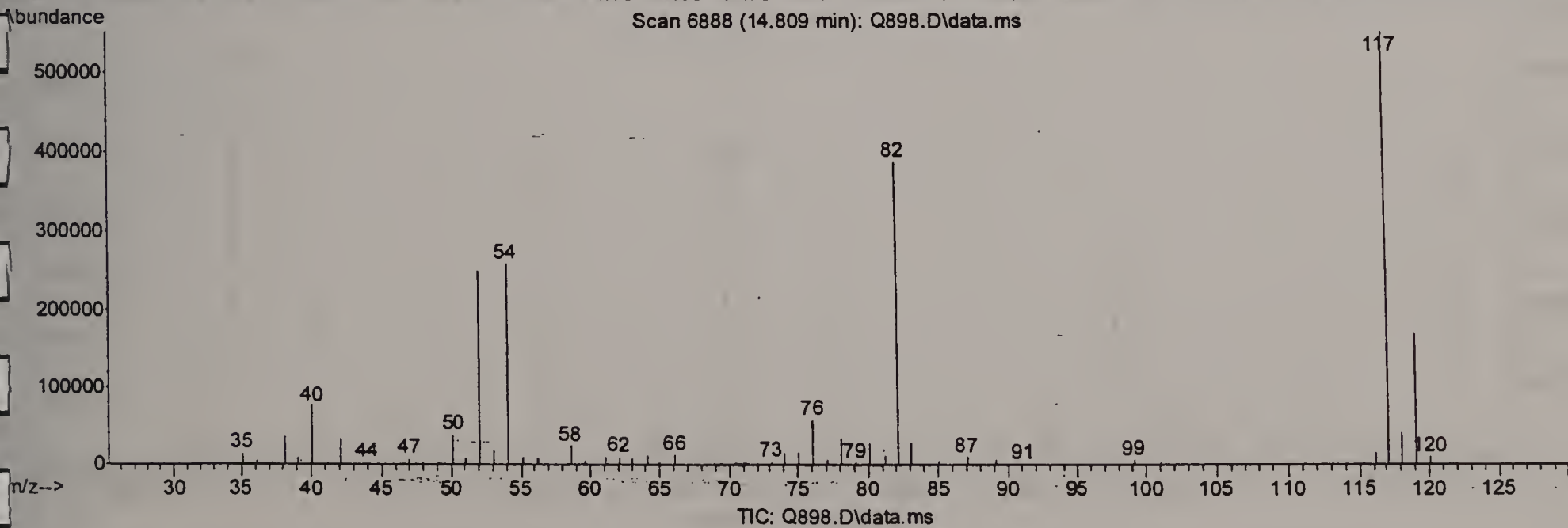
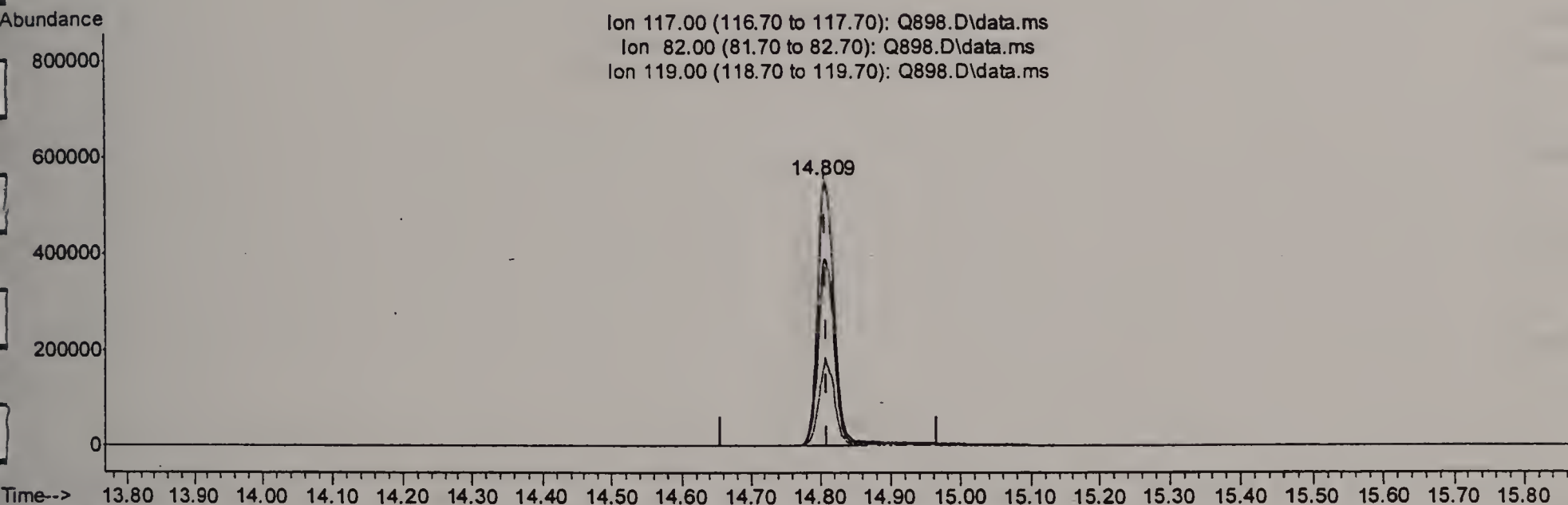
Quant Time: Jun 20 10:53:48 2006
Quant Method : C:\msdchem\1\METHODS\Q061606T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Fri Jun 16 16:38:16 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q898.D
 Acq On : 17 Jun 2006 4:12 am
 Operator : PhilipB
 Sample : M57220-9 (M138)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 10:52:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.809min (-0.002) 10.00PPBV

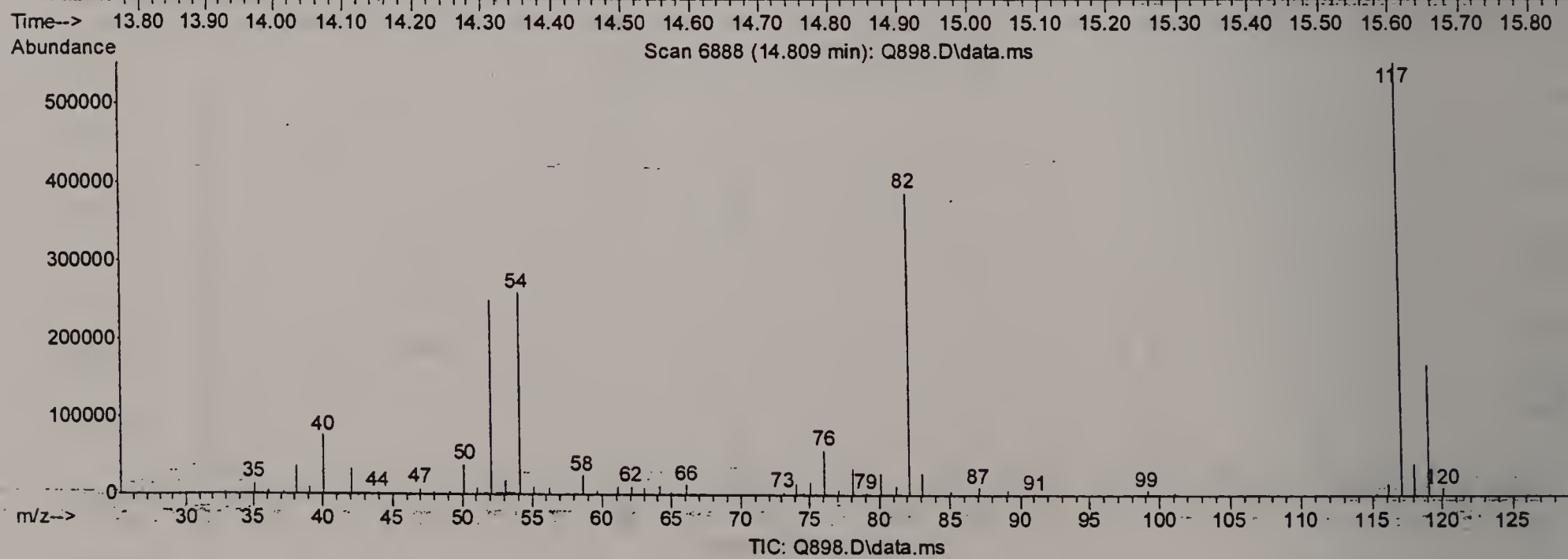
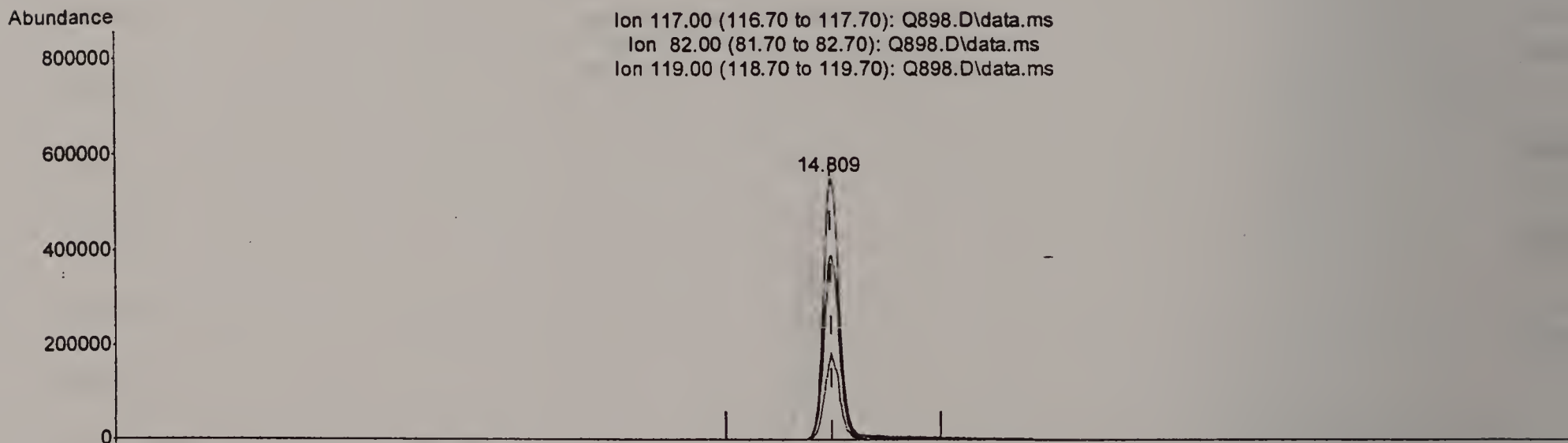
response 883493

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	69.84
119.00	31.70	31.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q898.D
 Acq On : 17 Jun 2006 4:12 am
 Operator : PhilipB
 Sample : M57220-9 (M138)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 10:52:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(49) CHLOROBENZENE-D5 (I)

14.809min (-0.002) 10.00PPBV m

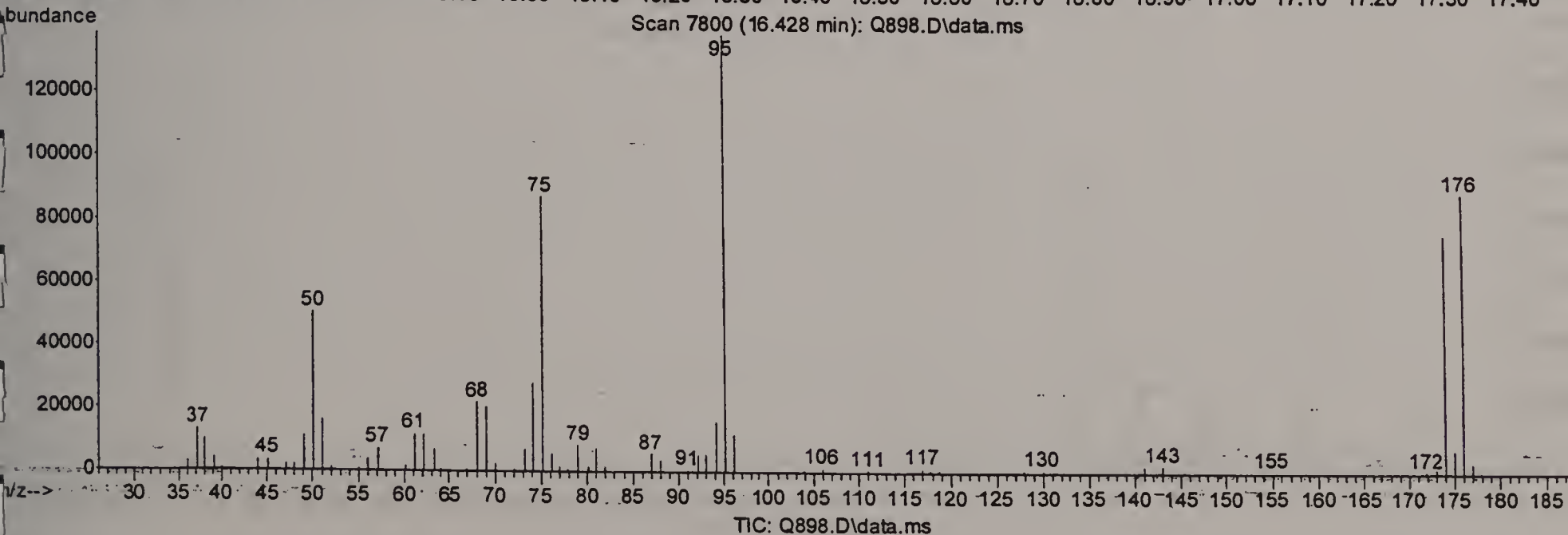
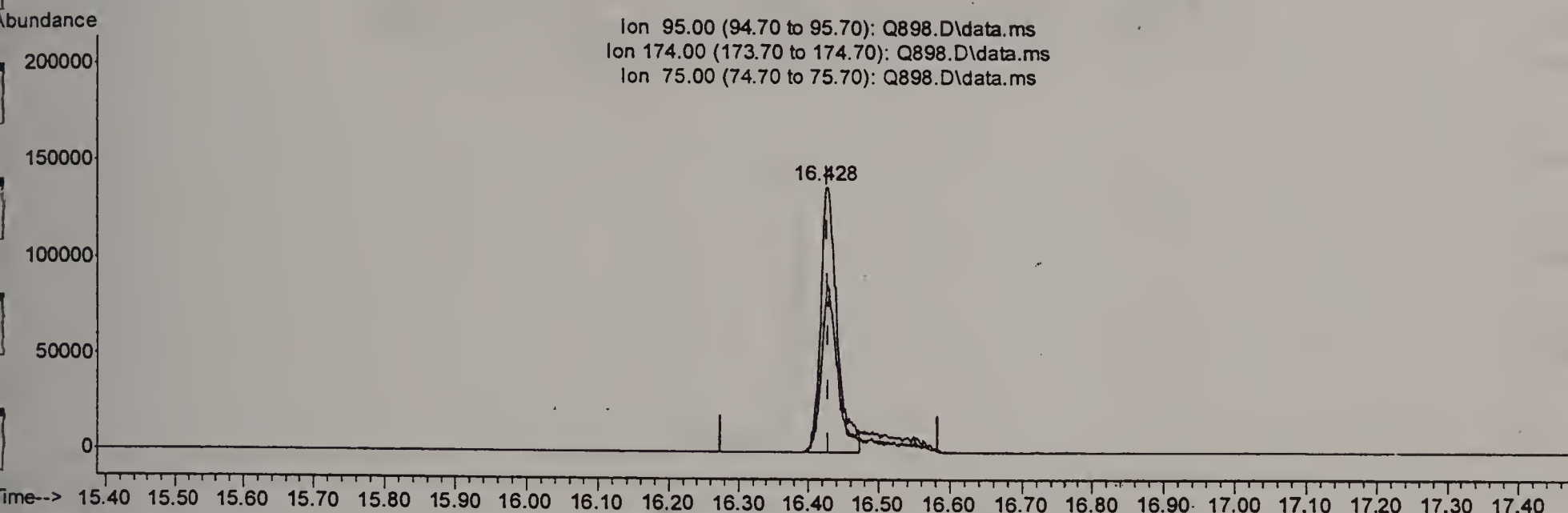
response 958079

Ion	Exp%	Act%
117.00	100	100
82.00	62.60	64.40
119.00	31.70	29.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q898.D
 Acq On : 17 Jun 2006 4:12 am
 Operator : PhilipB
 Sample : M57220-9 (M138)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 10:52:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.428min (-0.002) 3.58PPBV

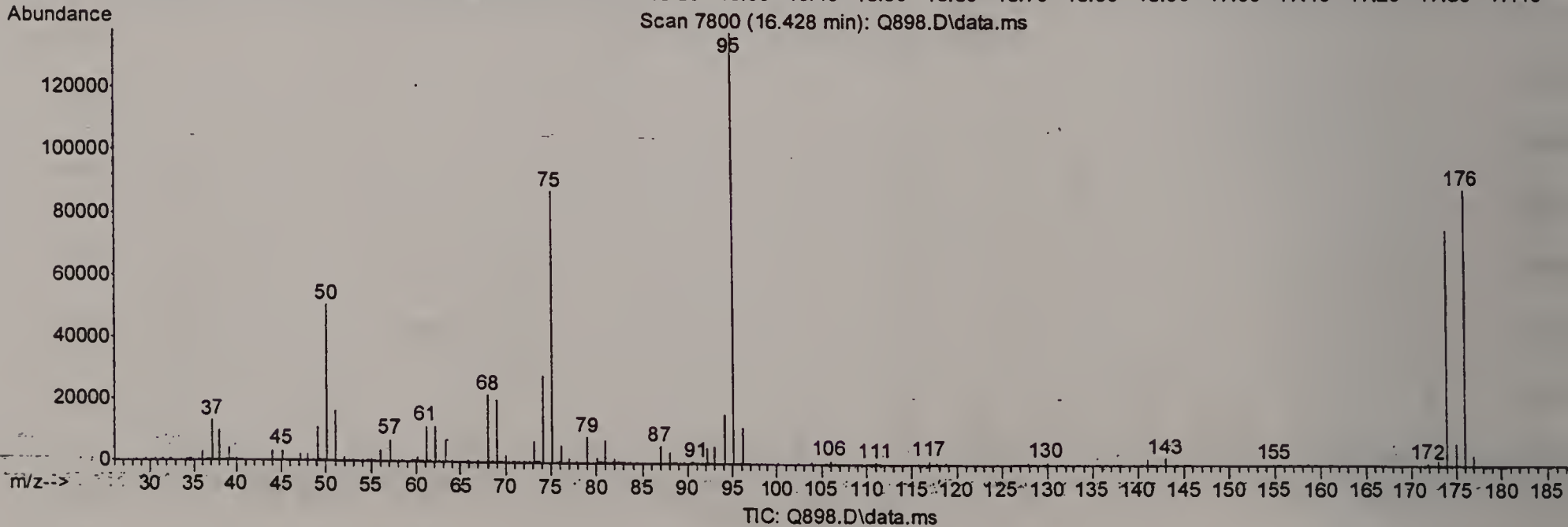
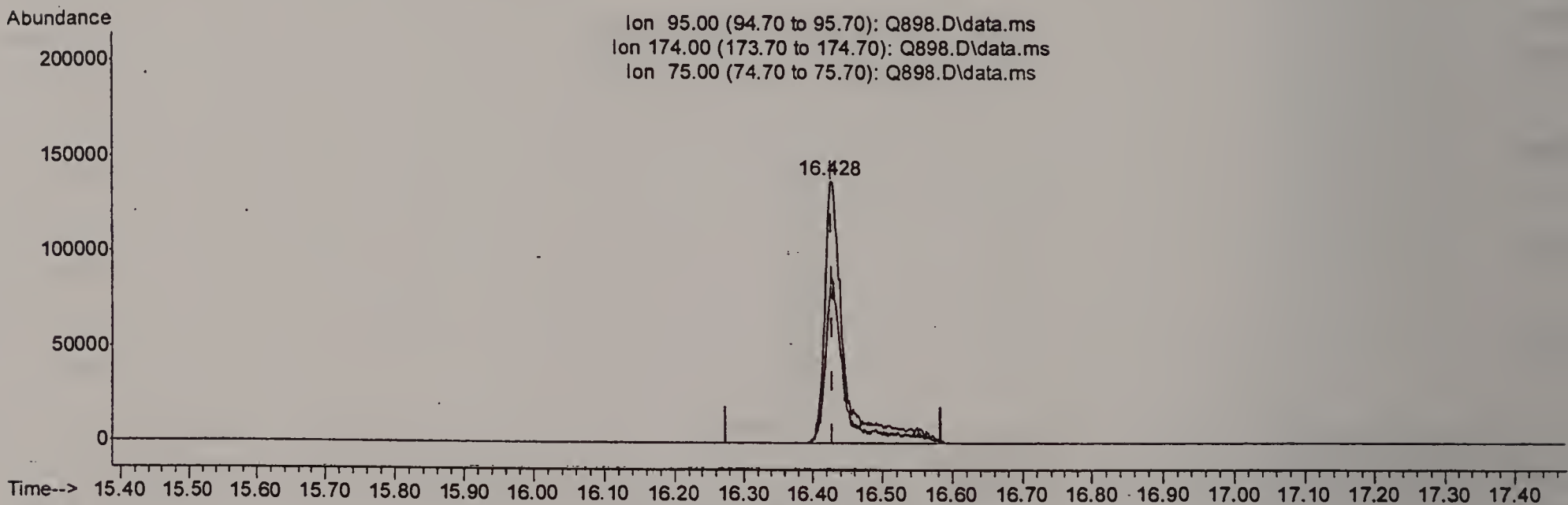
response 234192

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	60.11
75.00	52.30	63.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q898.D
 Acq On : 17 Jun 2006 4:12 am
 Operator : PhilipB
 Sample : M57220-9 (M138)
 Misc : MS11641, MSQ49,,,,,1
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 20 10:52:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q061606T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Fri Jun 16 16:38:16 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.428min (-0.002) 4.35PPBV m

response 284850

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	49.42
75.00	52.30	52.10
0.00	0.00	0.00

SECTION 2 GC/MS SUPPORT DATA

GC/MS Analysis Case Narrative/Conformance/Non-Conformance Summary

Fraction <u>70 15</u>	<u>NO</u>	<u>YES</u>
1. Chromatograms Labeled/Compounds Identified (<i>Field Samples and Method Blanks</i>)	_____	_____✓
2. GC/MS Tune Meet Criteria	_____	_____✓
3. GC/MS Tuning Frequency – Performed every 24 hours for 600 series and 12 hours for 8000 series .	_____	_____✓
4. GC/MS Calibration – Initial and Continuing Calibration Meet Method Requirements	_____	_____✓
5. GC/MS Calibration Requirements		
a. Calibration Check Compounds	_____	_____✓
b. System Performance Check Compounds	_____	_____✓
6. Blank Contamination	_____✓	_____
<i>If yes, the sample result is qualified with a "B".</i>		
7. Surrogate Recoveries Meet Criteria	_____	_____✓
<i>If the requirement is not met, refer to the Surrogate Summary for comment.</i>		
8. Blank Spike, Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria	_____	_____✓
<i>If the requirement is not met, refer to BSP, MS/MSD Summary for comment.</i>		
9. Extraction Holding Time Met	_____	_____N/A
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
10. Analysis Holding Time Met	_____	_____✓
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
11. Volatile Sample Preservation – pH should be < 2. List any non-compliant samples below:		

Additional Comments: _____

QC Review Signature: Shoggy Ma

Date: Aug 10, 2006

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Volatile Surrogate Recovery Summary

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Method: TO-15

Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
M58364-1	Q1326.D	82.0
M58364-2	Q1327.D	88.0
M58364-3	Q1328.D	81.0
M58364-4	Q1329.D	86.0
M58073-3DUP	Q1336.D	67.0
MSQ69-BS	Q1323A.D	93.0
MSQ69-MB	Q1325.D	72.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	57-139%

Method Blank Summary

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ69-MB	Q1325.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58364-1, M58364-2, M58364-3, M58364-4

CAS No.	Compound	Result	RL	Units	Q	Result	RL	Units
75-00-3	Chloroethane	ND	0.20	ppbv		ND	0.53	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	ppbv		ND	1.3	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	ppbv		ND	0.81	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	ppbv		ND	2.0	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	ppbv		ND	0.79	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	ppbv		ND	1.1	ug/m3
127-18-4	Tetrachloroethylene	ND	0.20	ppbv		ND	1.4	ug/m3
79-01-6	Trichloroethylene	ND	0.20	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	ppbv		ND	0.51	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	72% 57-139%

Blank Spike Summary

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSQ69-BS	Q1323A.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58364-1, M58364-2, M58364-3, M58364-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	Limits
75-00-3	Chloroethane	10	9.3	93	61-138
56-23-5	Carbon tetrachloride	10	10.5	105	60-140
75-34-3	1,1-Dichloroethane	10	9.4	94	66-140
75-35-4	1,1-Dichloroethylene	10	9.1	91	65-127
107-06-2	1,2-Dichloroethane	10	10.6	106	61-149
156-60-5	trans-1,2-Dichloroethylene	10	9.1	91	67-126
156-59-2	cis-1,2-Dichloroethylene	10	9.6	96	71-127
71-55-6	1,1,1-Trichloroethane	10	10.7	107	60-143
79-34-5	1,1,2,2-Tetrachloroethane	10	11.1	111	65-145
79-00-5	1,1,2-Trichloroethane	10	10.8	108	65-135
127-18-4	Tetrachloroethylene	10	12.0	120	50-143
79-01-6	Trichloroethylene	10	10.5	105	63-135
75-01-4	Vinyl chloride	10	9.0	90	56-141

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	93%	57-139%

Duplicate Summary

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M58073-3DUP	Q1336.D	1	08/08/06	PB	n/a	n/a	MSQ69
M58073-3	Q1335.D	1	08/08/06	PB	n/a	n/a	MSQ69

The QC reported here applies to the following samples:

Method: TO-15

M58364-1, M58364-2, M58364-3, M58364-4

CAS No.	Compound	M58073-3		DUP		RPD	Limits
		ppbv	Q	ppbv	Q		
75-00-3	Chloroethane	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
127-18-4	Tetrachloroethylene	0.45		0.50		11	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-01-4	Vinyl chloride	ND		ND		nc	25

CAS No.	Surrogate Recoveries	DUP	M58073-3	Limits
460-00-4	4-Bromofluorobenzene	67%	70%	57-139%

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ68-BFB

Injection Date: 08/07/06

Lab File ID: Q1306.D

Injection Time: 13:05

Instrument ID: GCMSQ

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	27326	24.4	Pass
75	30.0 - 66.0% of mass 95	61927	55.4	Pass
95	Base peak, 100% relative abundance	111867	100.0	Pass
96	5.0 - 9.0% of mass 95	8195	7.3	Pass
173	Less than 2.0% of mass 174	1020	0.91 (1.2) ^a	Pass
174	50.0 - 120.0% of mass 95	88389	79.0	Pass
175	4.0 - 9.0% of mass 174	5092	4.6 (5.8) ^a	Pass
176	93.0 - 101.0% of mass 174	84322	75.4 (95.4) ^a	Pass
177	5.0 - 9.0% of mass 176	5203	4.7 (6.2) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ68-IC68	Q1306.D	08/07/06	13:05	00:00	Initial cal 5
MSQ68-IC68	Q1307.D	08/07/06	14:44	01:39	Initial cal 2
MSQ68-IC68	Q1308.D	08/07/06	15:27	02:22	Initial cal .5
MSQ68-ICC68	Q1309.D	08/07/06	16:12	03:07	Initial cal 10
MSQ68-IC68	Q1310.D	08/07/06	17:39	04:34	Initial cal .2
MSQ68-IC68	Q1311.D	08/07/06	18:25	05:20	Initial cal 20

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-BFB

Injection Date: 08/08/06

Lab File ID: Q1322.D

Injection Time: 08:18

Instrument ID: GCMSQ

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	41996	24.7	Pass
75	30.0 - 66.0% of mass 95	91082	53.6	Pass
95	Base peak, 100% relative abundance	169936	100.0	Pass
96	5.0 - 9.0% of mass 95	13283	7.8	Pass
173	Less than 2.0% of mass 174	2039	1.2 (1.4) ^a	Pass
174	50.0 - 120.0% of mass 95	142208	83.7	Pass
175	4.0 - 9.0% of mass 174	12064	7.1 (8.5) ^a	Pass
176	93.0 - 101.0% of mass 174	137856	81.1 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	8821	5.2 (6.4) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSQ69-CC68	Q1323B.D	08/08/06	09:03	00:45	Continuing cal 10
MSQ69-ICV	Q1323.D	08/08/06	09:03	00:45	Initial cal verification
MSQ69-BS	Q1323A.D	08/08/06	09:03	00:45	Blank Spike
MSQ69-MB	Q1325.D	08/08/06	10:39	02:21	Method Blank
M58364-1	Q1326.D	08/08/06	11:27	03:09	045160-27TUFTS-1
M58364-2	Q1327.D	08/08/06	12:15	03:57	045160-27TUFTS-B
M58364-3	Q1328.D	08/08/06	13:02	04:44	045160-23TUFTS-1
M58364-4	Q1329.D	08/08/06	13:58	05:40	045160-23TUFTS-B
ZZZZZZ	Q1331.D	08/08/06	15:45	07:27	(unrelated sample)
ZZZZZZ	Q1332.D	08/08/06	16:53	08:35	(unrelated sample)
ZZZZZZ	Q1333.D	08/08/06	17:40	09:22	(unrelated sample)
ZZZZZZ	Q1334.D	08/08/06	18:26	10:08	(unrelated sample)
M58073-3	Q1335.D	08/08/06	19:12	10:54	(used for QC only; not part of job M58364)
M58073-3DUP	Q1336.D	08/08/06	19:57	11:39	Duplicate

Volatile Internal Standard Area Summary

Page 1 of 1

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Check Std:	MSQ69-CC68	Injection Date:	08/08/06
Lab File ID:	Q1323B.D	Injection Time:	09:03
Instrument ID:	GCMSQ	Method:	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	586635	8.68	1456860	10.52	940671	14.76
Upper Limit ^a	821289	9.01	2039604	10.85	1316939	15.09
Lower Limit ^b	351981	8.35	874116	10.19	564403	14.43

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
MSQ69-BS	586635	8.68	1456860	10.52	940671	14.76
MSQ69-MB	468774	8.68	1114562	10.51	617315	14.77
M58364-1	418568	8.68	1022255	10.51	614347	14.76
M58364-2	430550	8.68	1220200	10.52	889836	14.76
M58364-3	528053	8.69	1293540	10.52	783027	14.76
M58364-4	482631	8.68	1230406	10.51	792397	14.76
ZZZZZZ	390280	8.68	1002885	10.52	621396	14.76
ZZZZZZ	457388	8.71	1252885	10.52	771164	14.76
ZZZZZZ	424176	8.68	1035637	10.52	658854	14.76
ZZZZZZ	422070	8.68	1017173	10.52	631578	14.76
M58073-3	439482	8.68	1042286	10.51	629753	14.76
M58073-3DUP	442111	8.68	998713	10.52	596011	14.76

IS 1 = Bromochloromethane

IS 2 = 1,4-Difluorobenzene

IS 3 = Chlorobenzene-D5

(a) Upper Limit = +40% of check standard area; Retention time +0.33 minutes.

(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Initial Calibration Retention Time/Internal Standard Area Summary

Page 1 of 11

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15	
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.20	10.52	0.970	ok 0.971	0.911-1.031
Bromodichloromethane	11.16	10.52	1.061	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.85	8.68	0.559	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.52	0.995	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.52	1.044	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.52	1.064	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	17.99	14.76	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.72	8.68	1.005	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.52	1.089	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

Page 2 of 11

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	Reporting this level
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15	
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.03	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.52	1.207	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.36	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.76	0.957	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.98	10.52	1.234	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.52	1.065	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.38	14.76	1.042	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	535678	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1241423	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	844819	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.57	8.68	0.526	ok 0.527	0.467-0.587
Benzene	10.21	10.51	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.51	1.063	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.85	8.68	0.559	ok 0.559	0.499-0.619
Bromoethene	5.39	8.68	0.621	ok 0.622	0.562-0.682
Benzyl Chloride	17.98	14.76	1.218	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.07	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.51	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.51	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.51	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.51	1.144	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.76	1.220	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.06	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.51	1.191	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.51	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.52	14.76	1.119	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.57	8.68	0.757	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.51	1.146	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.76	8.68	0.894	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.34	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.51	1.069	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.46	8.68	0.744	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.76	0.957	ok 0.956	0.896-1.016
Tetrahydrofuran	9.20	8.68	1.060	ok 1.059	0.999-1.119
Toluene	12.98	10.51	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.21	10.51	1.067	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.36	14.76	1.041	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	466770	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1135344	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	738300	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.63	8.68	0.649	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.21	10.52	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.16	10.52	1.061	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.96	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.22	8.68	0.486	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.48	10.52	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.70	8.68	0.887	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.51	8.68	1.096	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.99	10.52	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.20	10.52	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.52	8.68	0.866	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.51	8.68	0.980	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.76	1.220	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.12	8.68	0.590	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.47	10.52	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.71	8.68	1.003	ok 1.004	0.944-1.064
2-Hexanone	13.21	14.76	0.895	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.57	8.68	0.757	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.09	8.68	0.932	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.76	8.68	0.894	ok 0.893	0.833-0.953
Nonane	16.09	14.76	1.090	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.76	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.52	1.207	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.34	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.22	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.20	8.68	1.060	ok 1.059	0.999-1.119
Toluene	12.98	10.52	1.234	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.52	1.065	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.83	8.68	0.672	ok 0.671	0.611-0.731
Vinyl chloride	4.43	8.68	0.510	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.37	14.76	1.041	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	543338	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1237069	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	761409	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15 Reporting this level
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.20	10.51	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.51	1.063	ok 1.062	1.002-1.122
Bromoform	15.48	14.76	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.76	1.003	ok 1.003	0.943-1.063
Chloroethane	5.03	8.68	0.579	ok 0.580	0.520-0.640
Chloroform	8.80	8.68	1.014	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.76	1.157	ok 1.157	1.097-1.217
Carbon tetrachloride	10.34	8.68	1.191	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.51	0.996	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.46	8.68	0.744	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.76	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.51	1.045	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.51	1.065	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.04	8.68	0.465	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.76	0.909	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.51	8.68	0.865	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.51	1.144	ok 1.143	1.083-1.203
m-Dichlorobenzene	17.99	14.76	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.76	1.250	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.76	1.224	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.51	1.191	ok 1.191	1.131-1.251
Ethanol	5.11	8.68	0.589	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.76	1.029	ok 1.029	0.969-1.089
Ethyl Acetate	8.71	8.68	1.003	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.51	1.090	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.76	1.412	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.76	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

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Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.76	1.120	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.86	8.68	0.675	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.51	1.146	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.76	1.089	ok 1.089	1.029-1.149
Pentane	6.18	8.68	0.712	ok 0.712	0.652-0.772
Propylene	3.97	8.68	0.457	ok 0.458	0.398-0.518
Styrene	15.77	14.76	1.068	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.76	1.379	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.76	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.22	10.51	1.068	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.47	8.68	0.745	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.98	10.51	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.20	10.51	1.066	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.82	8.68	0.671	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.83	8.68	0.902	ok 0.902	0.842-0.962
m,p-Xylene	15.38	14.76	1.042	ok 1.042	0.982-1.102
o-Xylene	15.88	14.76	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	638106	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok 10.52	10.19-10.85	1575137	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok 14.76	14.43-15.09	1067900	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

Page 9 of 11

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15	
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15	
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15	
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15	
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	2	GCMSQ	TO-15	Reporting this level
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Benzyl Chloride	17.97	14.76	1.217	ok 1.217	1.157-1.277
Chloroethane	5.04	8.68	0.581	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
1,1-Dichloroethane	7.70	8.68	0.887	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
trans-1,2-Dichloroethylene	7.50	8.68	0.864	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.51	8.68	0.980	ok 0.981	0.921-1.041
4-Ethyltoluene	17.26	14.76	1.169	ok 1.169	1.109-1.229
Isopropyl Alcohol	5.87	8.68	0.676	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.76	1.075	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.70	10.51	1.208	ok 1.208	1.148-1.268
1,2,4-Trimethylbenzene	17.81	14.76	1.207	ok 1.207	1.147-1.267
Tertiary Butyl Alcohol	6.48	8.68	0.747	ok 0.746	0.686-0.806
Tetrachloroethylene	14.11	14.76	0.956	ok 0.956	0.896-1.016
Trichloroethylene	11.20	10.51	1.066	ok 1.065	1.005-1.125
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok	8.68	8.35-9.01	405882	ok 531653	318992-744314
1,4-Difluorobenzene	10.51	ok	10.52	10.19-10.85	1076973	ok 1289243	773546-1804940
Chlorobenzene-D5	14.76	ok	14.76	14.43-15.09	644742	ok 850079	510047-1190111

Initial Calibration Retention Time/Internal Standard Area Summary

Page 10 of 11

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Acetone	5.62	8.68	0.647	ok 0.648	0.588-0.708
1,3-Butadiene	4.58	8.68	0.528	ok 0.527	0.467-0.587
Benzene	10.21	10.52	0.971	ok 0.971	0.911-1.031
Bromodichloromethane	11.17	10.52	1.062	ok 1.062	1.002-1.122
Bromoform	15.49	14.77	1.049	ok 1.049	0.989-1.109
Bromomethane	4.86	8.68	0.560	ok 0.559	0.499-0.619
Bromoethene	5.40	8.68	0.622	ok 0.622	0.562-0.682
Benzyl Chloride	17.97	14.77	1.217	ok 1.217	1.157-1.277
Carbon disulfide	6.90	8.68	0.795	ok 0.795	0.735-0.855
Chlorobenzene	14.81	14.77	1.003	ok 1.003	0.943-1.063
Chloroethane	5.04	8.68	0.581	ok 0.580	0.520-0.640
Chloroform	8.81	8.68	1.015	ok 1.014	0.954-1.074
Chloromethane	4.21	8.68	0.485	ok 0.485	0.425-0.545
3-Chloropropene	6.70	8.68	0.772	ok 0.772	0.712-0.832
2-Chlorotoluene	17.08	14.77	1.156	ok 1.157	1.097-1.217
Carbon tetrachloride	10.35	8.68	1.192	ok 1.192	1.132-1.252
Cyclohexane	10.47	10.52	0.995	ok 0.996	0.936-1.056
1,1-Dichloroethane	7.71	8.68	0.888	ok 0.888	0.828-0.948
1,1-Dichloroethylene	6.47	8.68	0.745	ok 0.745	0.685-0.805
1,2-Dibromoethane	13.66	14.77	0.925	ok 0.925	0.865-0.985
1,2-Dichloroethane	9.52	8.68	1.097	ok 1.097	1.037-1.157
1,2-Dichloropropane	10.98	10.52	1.044	ok 1.044	0.984-1.104
1,4-Dioxane	11.19	10.52	1.064	ok 1.064	1.004-1.124
Dichlorodifluoromethane	4.05	8.68	0.467	ok 0.466	0.406-0.526
Dibromochloromethane	13.41	14.77	0.908	ok 0.908	0.848-0.968
trans-1,2-Dichloroethylene	7.52	8.68	0.866	ok 0.865	0.805-0.925
cis-1,2-Dichloroethylene	8.52	8.68	0.982	ok 0.981	0.921-1.041
cis-1,3-Dichloropropene	12.02	10.52	1.143	ok 1.143	1.083-1.203
m-Dichlorobenzene	18.00	14.77	1.219	ok 1.219	1.159-1.279
o-Dichlorobenzene	18.45	14.77	1.249	ok 1.250	1.190-1.310
p-Dichlorobenzene	18.07	14.77	1.223	ok 1.224	1.164-1.284
trans-1,3-Dichloropropene	12.52	10.52	1.190	ok 1.191	1.131-1.251
Ethanol	5.13	8.68	0.591	ok 0.590	0.530-0.650
Ethylbenzene	15.19	14.77	1.028	ok 1.029	0.969-1.089
Ethyl Acetate	8.72	8.68	1.005	ok 1.004	0.944-1.064
4-Ethyltoluene	17.26	14.77	1.169	ok 1.169	1.109-1.229
Freon 113	6.84	8.68	0.788	ok 0.788	0.728-0.848
Freon 114	4.31	8.68	0.497	ok 0.497	0.437-0.557
Heptane	11.46	10.52	1.089	ok 1.090	1.030-1.150
Hexachlorobutadiene	20.84	14.77	1.411	ok 1.412	1.352-1.472
Hexane	8.72	8.68	1.005	ok 1.004	0.944-1.064
2-Hexanone	13.20	14.77	0.894	ok 0.894	0.834-0.954

Initial Calibration Retention Time/Internal Standard Area Summary

Page 11 of 11

Job Number: M58364

Account: GEI GEI Consultants, Inc.

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method
MSQ68-IC68	Q1306.D	08/07/06 13:05	PB	5	GCMSQ	TO-15
MSQ68-IC68	Q1307.D	08/07/06 14:44	PB	2	GCMSQ	TO-15
MSQ68-IC68	Q1308.D	08/07/06 15:27	PB	.5	GCMSQ	TO-15
MSQ68-ICC68	Q1309.D	08/07/06 16:12	PB	10	GCMSQ	TO-15
MSQ68-IC68	Q1310.D	08/07/06 17:39	PB	.2	GCMSQ	TO-15
MSQ68-IC68	Q1311.D	08/07/06 18:25	PB	20	GCMSQ	TO-15

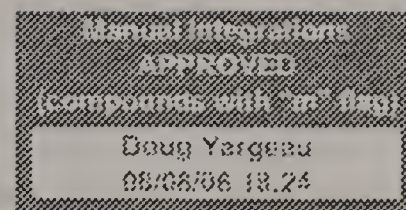
Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT	Mean Rel RT	Rel RT Range (+/- .06)
Isopropylbenzene	16.53	14.77	1.119	ok 1.120	1.060-1.180
Isopropyl Alcohol	5.88	8.68	0.677	ok 0.676	0.616-0.736
Methylene chloride	6.58	8.68	0.758	ok 0.758	0.698-0.818
Methyl ethyl ketone	8.08	8.68	0.931	ok 0.931	0.871-0.991
Methyl Isobutyl Ketone	12.04	10.52	1.144	ok 1.145	1.085-1.205
Methyl Tert Butyl Ether	7.75	8.68	0.893	ok 0.893	0.833-0.953
Nonane	16.08	14.77	1.089	ok 1.089	1.029-1.149
Pentane	6.19	8.68	0.713	ok 0.712	0.652-0.772
Propylene	3.98	8.68	0.459	ok 0.458	0.398-0.518
Styrene	15.76	14.77	1.067	ok 1.068	1.008-1.128
1,1,1-Trichloroethane	9.76	8.68	1.124	ok 1.124	1.064-1.184
1,1,2,2-Tetrachloroethane	15.87	14.77	1.074	ok 1.075	1.015-1.135
1,1,2-Trichloroethane	12.71	10.52	1.208	ok 1.208	1.148-1.268
1,2,4-Trichlorobenzene	20.35	14.77	1.378	ok 1.379	1.319-1.439
1,2,4-Trimethylbenzene	17.81	14.77	1.206	ok 1.207	1.147-1.267
1,3,5-Trimethylbenzene	17.35	14.77	1.175	ok 1.175	1.115-1.235
2,2,4-Trimethylpentane	11.23	10.52	1.067	ok 1.068	1.008-1.128
Tertiary Butyl Alcohol	6.48	8.68	0.747	ok 0.746	0.686-0.806
Tetrachloroethylene	14.12	14.77	0.956	ok 0.956	0.896-1.016
Tetrahydrofuran	9.19	8.68	1.059	ok 1.059	0.999-1.119
Toluene	12.99	10.52	1.235	ok 1.235	1.175-1.295
Trichloroethylene	11.21	10.52	1.066	ok 1.065	1.005-1.125
Trichlorofluoromethane	5.83	8.68	0.672	ok 0.671	0.611-0.731
Vinyl chloride	4.44	8.68	0.512	ok 0.511	0.451-0.571
Vinyl Acetate	7.84	8.68	0.903	ok 0.902	0.842-0.962
m,p-Xylene	15.39	14.77	1.042	ok 1.042	0.982-1.102
o-Xylene	15.89	14.77	1.076	ok 1.076	1.016-1.136

Internal Standard	RT (min.)	Mean RT(min.)	RT Range (+/- 0.33)	Area	Mean Area	Area Range (+/- 40 %)
Bromochloromethane	8.68	ok 8.68	8.35-9.01	600142	ok 531653	318992-744314
1,4-Difluorobenzene	10.52	ok 10.52	10.19-10.85	1469509	ok 1289243	773546-1804940
Chlorobenzene-D5	14.77	ok 14.76	14.43-15.09	1043305	ok 850079	510047-1190111

Sample Raw Data

$$\frac{70 - 15}{(Test)}$$



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1326.D
Acq On : 8 Aug 2006 11:27 am
Operator : PhilipB
Sample : M58364-1 (M112)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:58:15 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 10:04:39 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.681	128	418568	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.513	114	1022255	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	614347	10.00	PPBV	-0.05

System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.386	95	125676m	4.08	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	81.60%

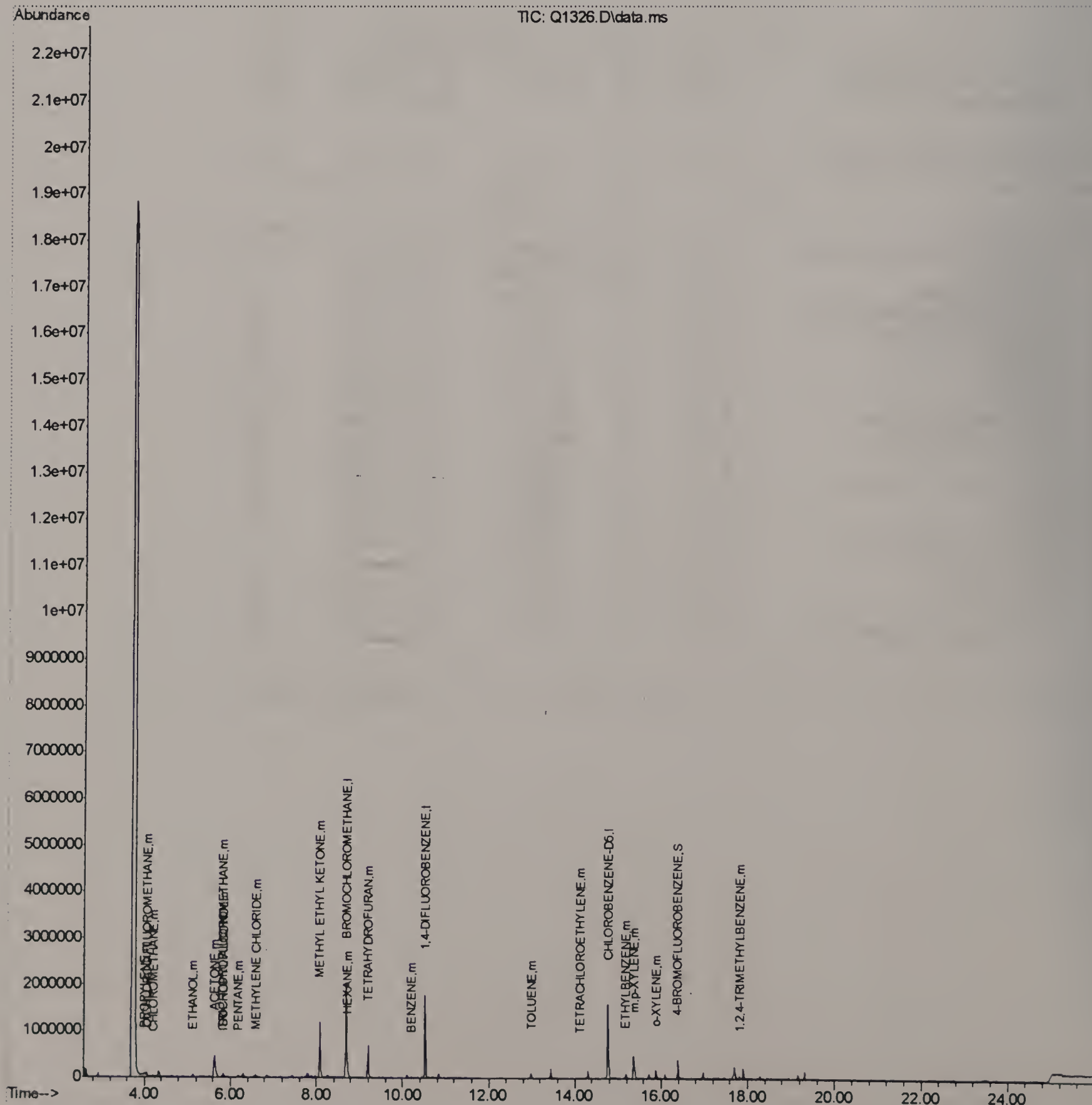
Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	92299	0.53	PPBV	99
3) PROPYLENE	3.992	41	19744m	0.70	PPBV	
5) CHLOROMETHANE	4.221	50	22771m	0.51	PPBV	
10) TRICHLOROFLUOROMETHANE	5.822	101	74562	0.36	PPBV	96
11) ISOPROPYL ALCOHOL	5.856	45	22605	0.50	PPBV	96
12) ACETONE	5.627	43	774576	10.82	PPBV	91
13) PENTANE	6.181	42	15664	0.35	PPBV	97
16) ETHANOL	5.116	45	85269	5.56	PPBV	91
18) METHYLENE CHLORIDE	6.580	84	24645	0.49	PPBV	76
24) TETRAHYDROFURAN	9.189	42	342181	13.07	PPBV	80
25) HEXANE	8.715	57	24840	0.34	PPBV #	64
28) METHYL ETHYL KETONE	8.073	43	1455347	16.00	PPBV	96
36) BENZENE	10.204	78	13585	0.16	PPBV	76
46) TOLUENE	12.980	92	32817	0.67	PPBV	98
51) TETRACHLOROETHYLENE	14.109	164	3848m	0.12	PPBV	
55) ETHYLBENZENE	15.186	91	60334	0.72	PPBV	94
56) m,p-XYLENE	15.360	106	129056	4.10	PPBV #	83
57) o-XYLENE	15.883	106	30505	0.97	PPBV	94
67) 1,2,4-TRIMETHYLBENZENE	17.807	105	18422	0.44	PPBV	89

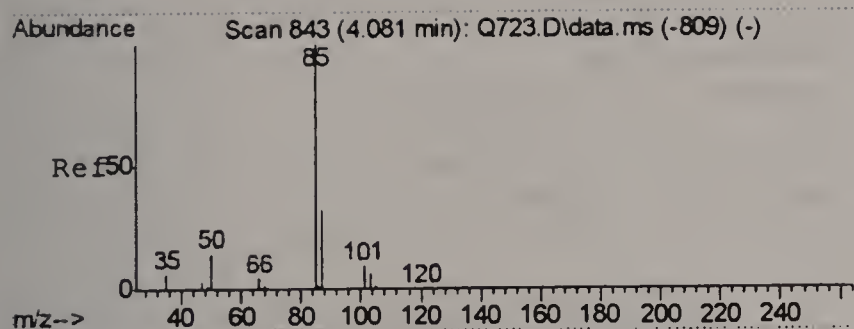
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

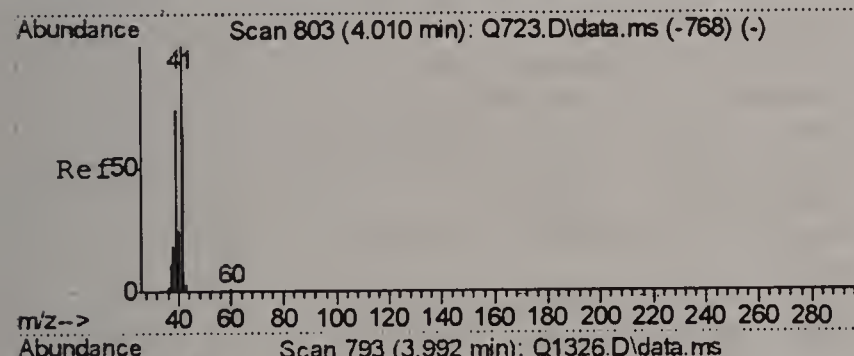
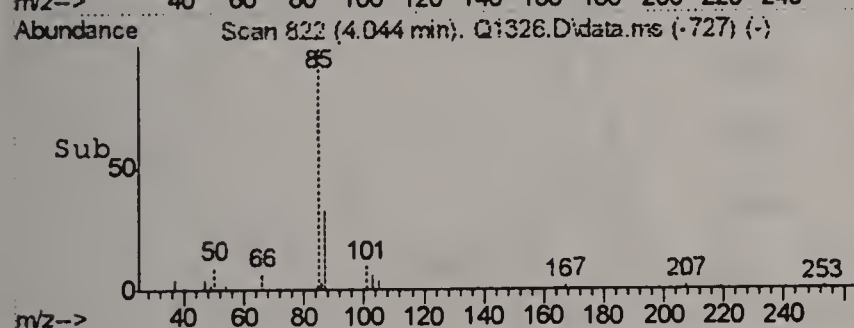
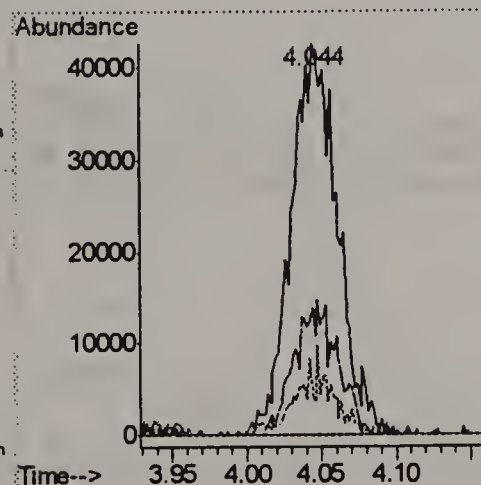
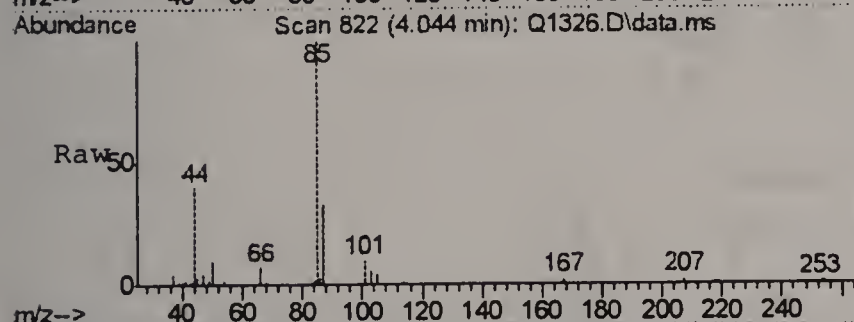
Quant Time: Aug 08 11:58:15 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration





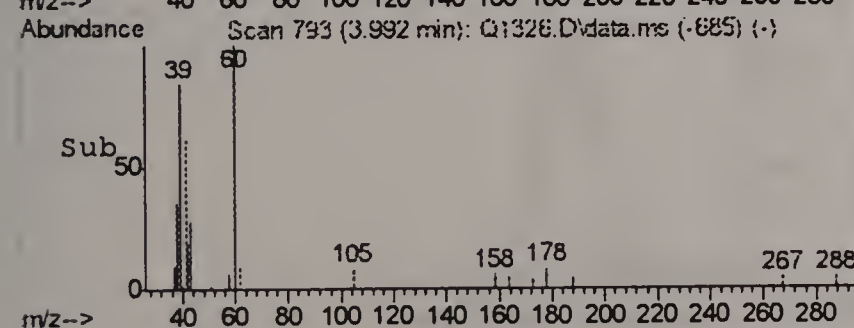
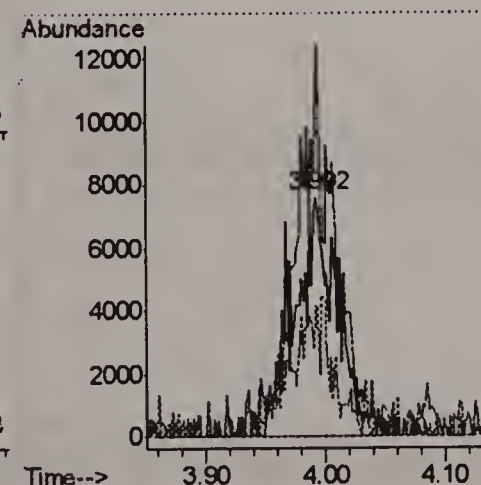
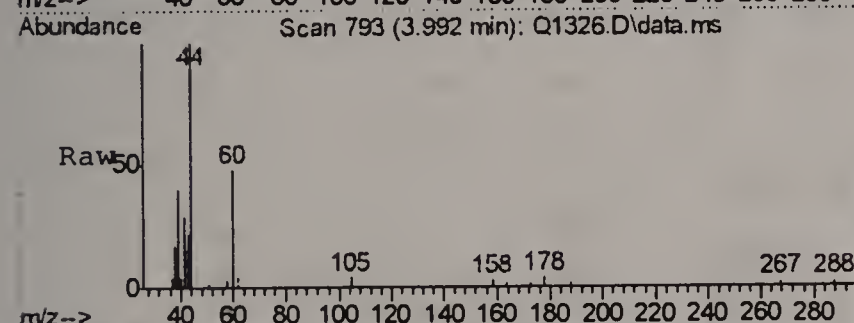
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DICHLORODIFLUOROMETHANE
Concen: 0.53 PPBV
RT: 4.044 min Scan# 822
Delta R.T. -0.037 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am

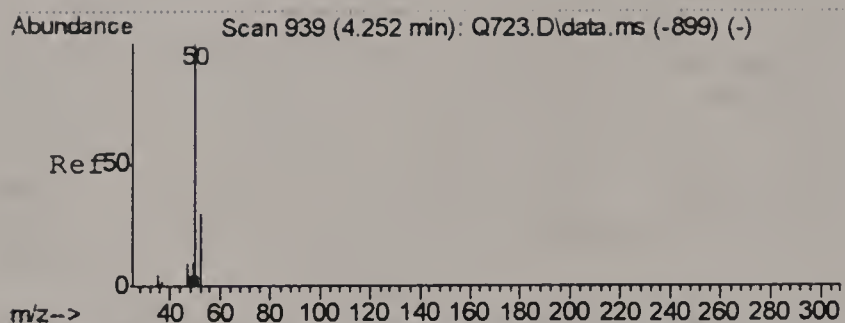
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	11.9	51.9
50	14.8	0.0	35.5



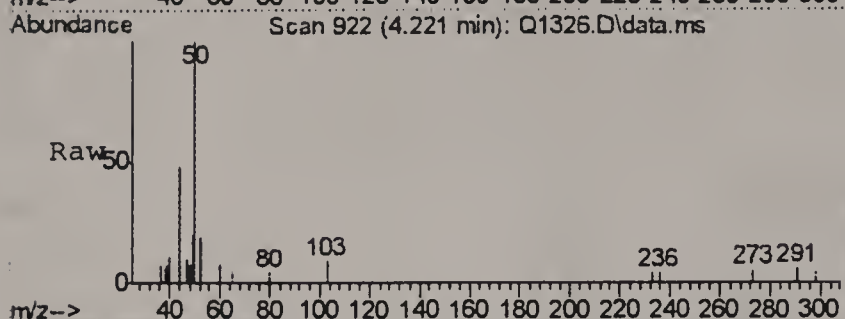
#3
PROPYLENE
Concen: 0.70 PPBV m
RT: 3.992 min Scan# 793
Delta R.T. -0.014 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am

Tgt Ion	Ratio	Lower	Upper
41	100		
39	138.3	55.3	95.3#
42	54.2	46.8	86.8

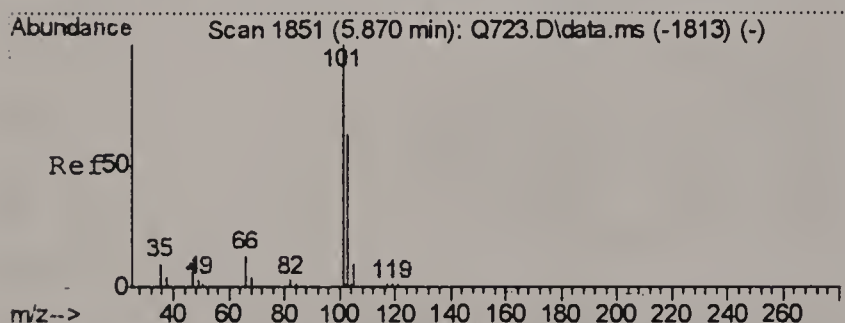
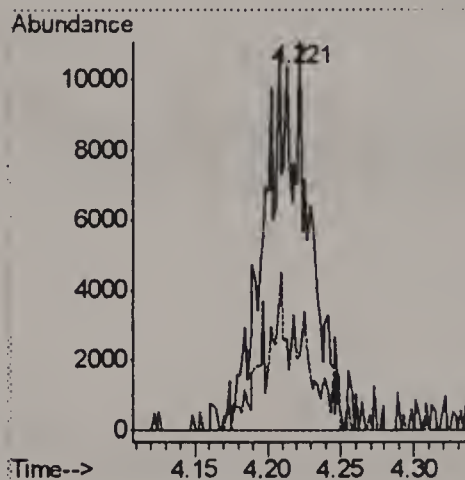
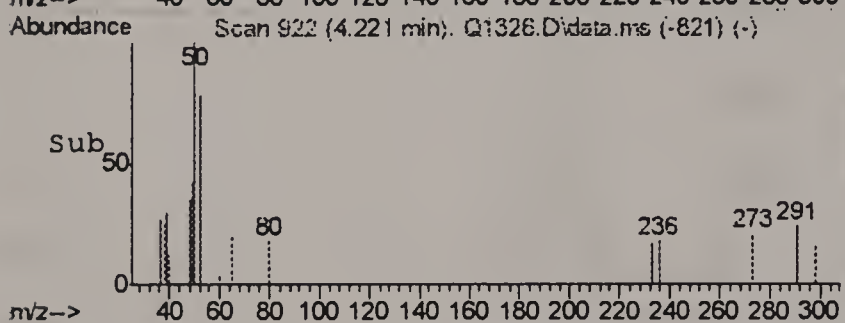




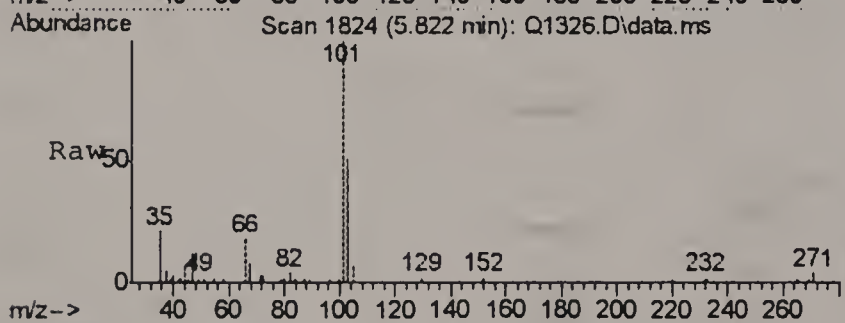
#5
 CHLOROMETHANE
 Concen: 0.51 PPBV m
 RT: 4.221 min Scan# 922
 Delta R.T. -0.028 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am



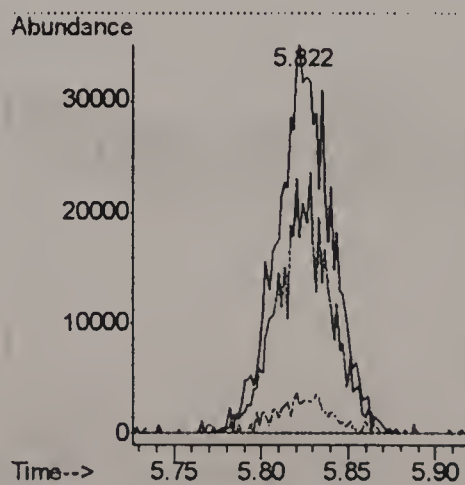
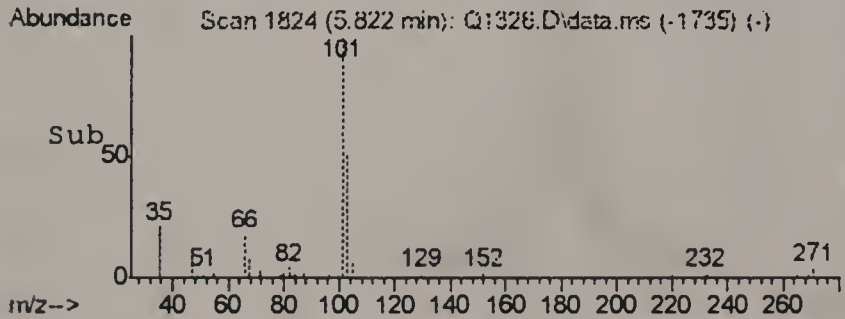
Tgt Ion: 50 Resp: 22771
 Ion Ratio Lower Upper
 50 100
 52 18.8 9.7 49.7

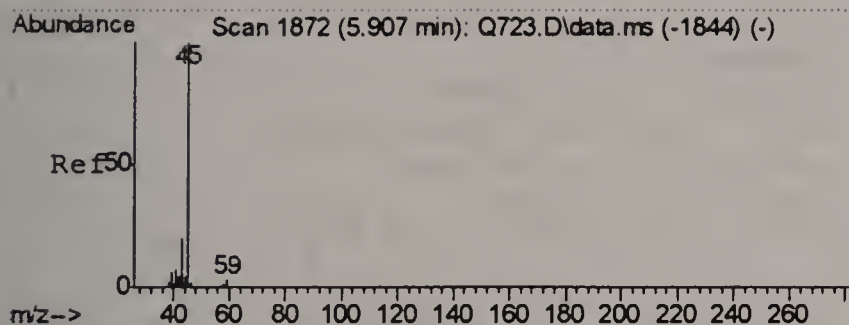


#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.36 PPBV
 RT: 5.822 min Scan# 1824
 Delta R.T. -0.048 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am

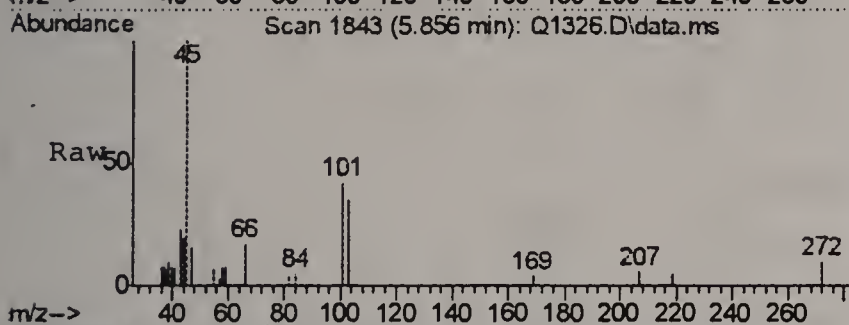


Tgt Ion: 101 Resp: 74562
 Ion Ratio Lower Upper
 101 100
 103 63.1 44.3 84.3
 105 2.5 0.0 30.4

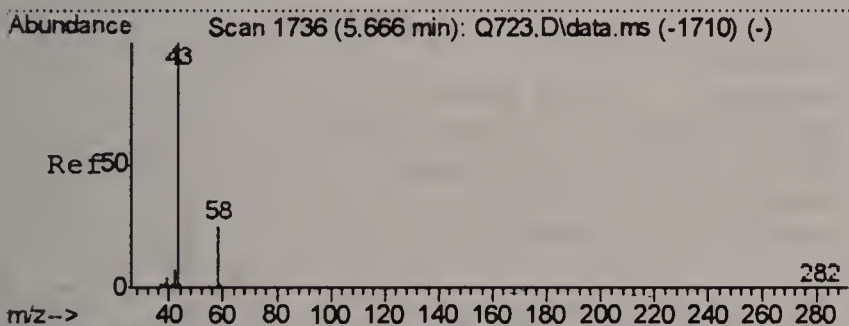
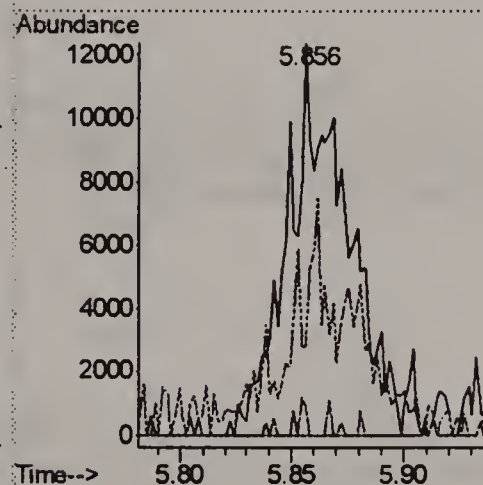
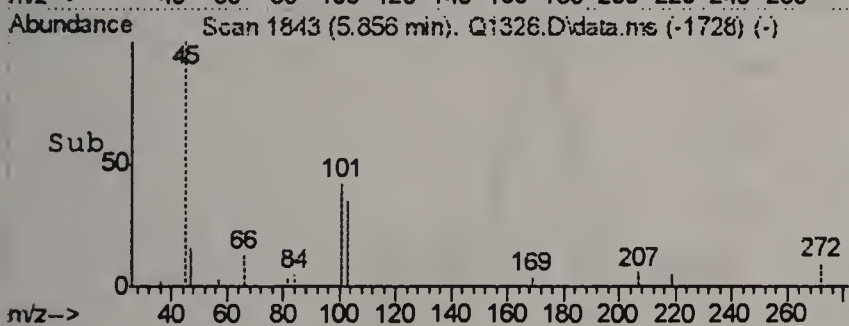




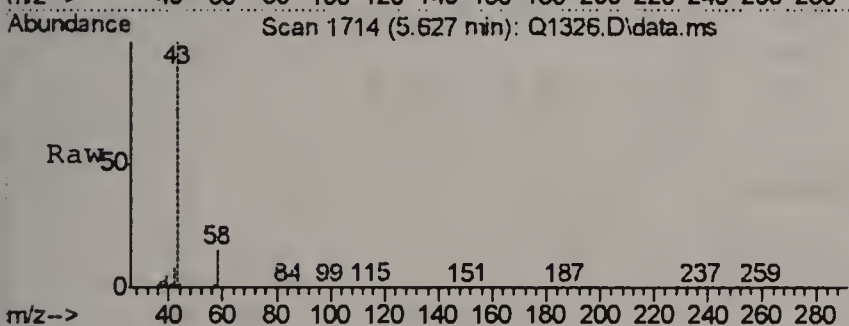
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ISOPROPYL ALCOHOL
Concen: 0.50 PPBV
RT: 5.856 min Scan# 1843
Delta R.T. -0.054 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am



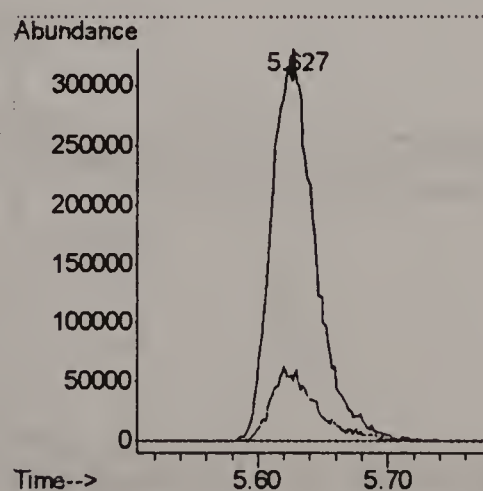
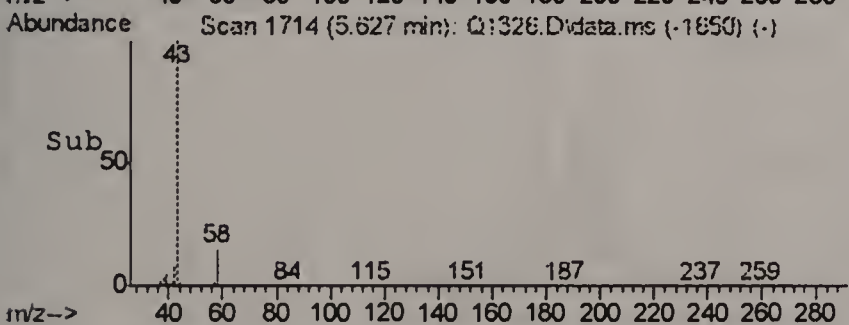
Tgt Ion: 45 Resp: 22605
Ion Ratio Lower Upper
45 100
59 8.0 0.0 23.5
43 22.8 1.6 41.6

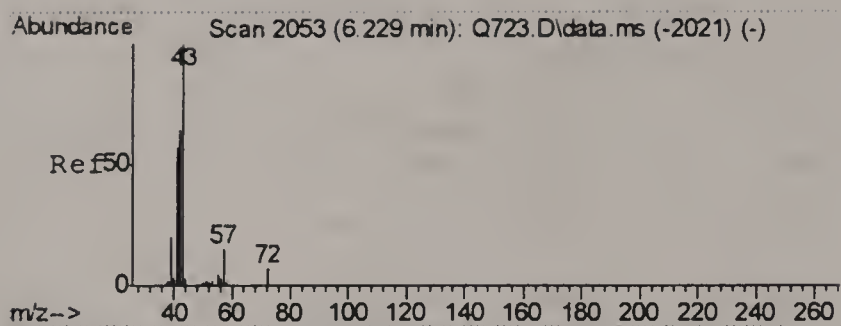


#12
ACETONE
Concen: 10.82 PPBV
RT: 5.627 min Scan# 1714
Delta R.T. -0.042 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am



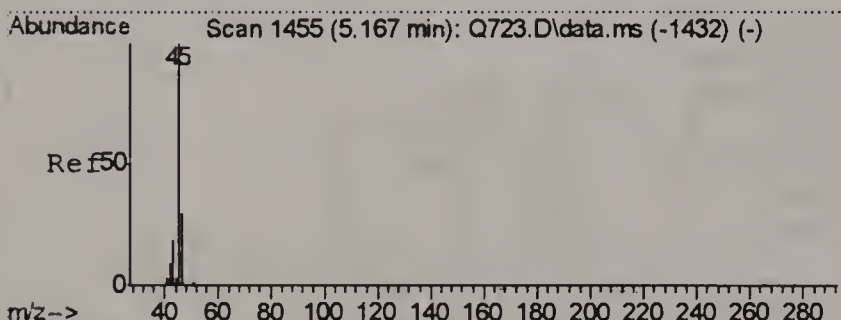
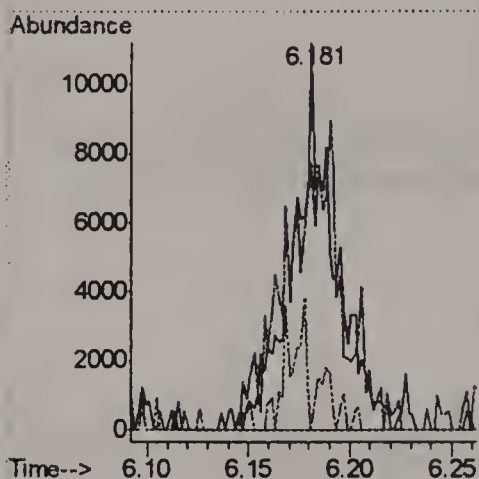
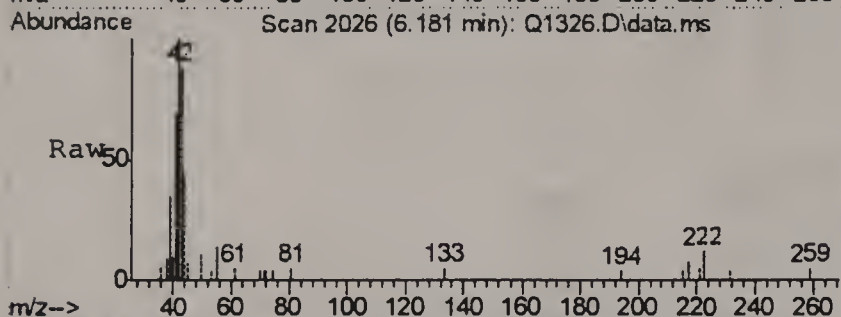
Tgt Ion: 43 Resp: 774576
Ion Ratio Lower Upper
43 100
58 19.8 4.1 44.1





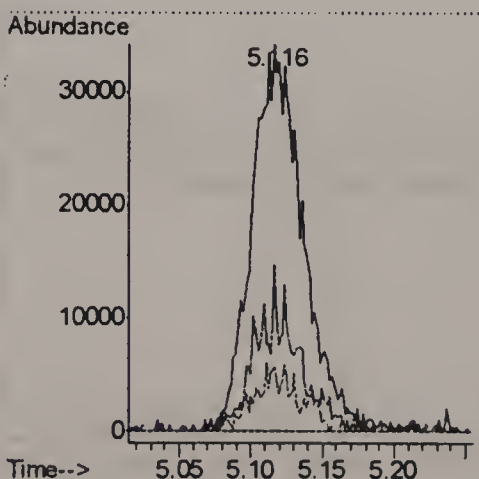
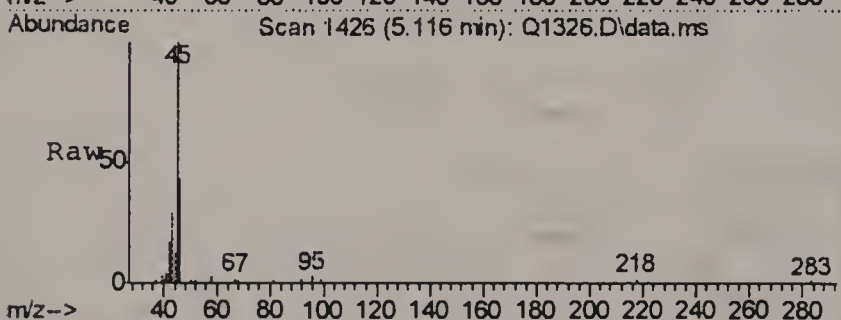
#13
PENTANE
Concen: 0.35 PPBV
RT: 6.181 min Scan# 2026
Delta R.T. -0.047 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am

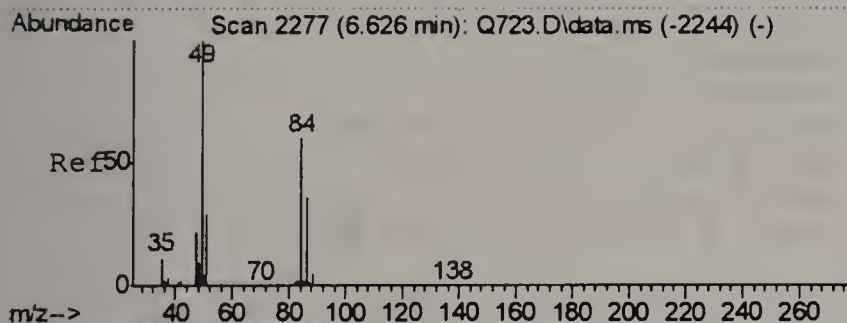
Tgt Ion	Ratio	Lower	Upper
42	100		
41	92.6	72.2	112.2
57	15.6	1.9	41.9



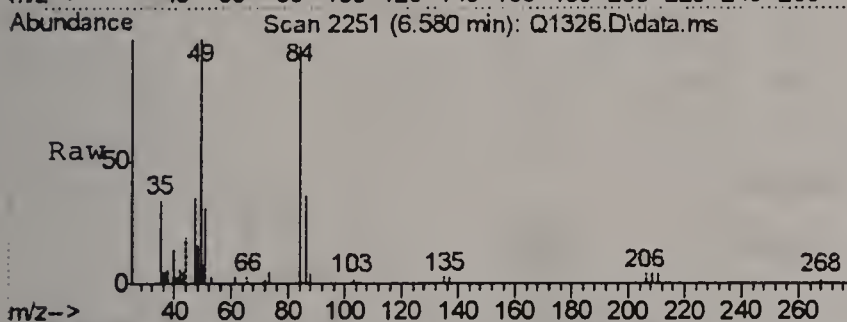
#16
ETHANOL
Concen: 5.56 PPBV
RT: 5.116 min Scan# 1426
Delta R.T. -0.060 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am

Tgt Ion	Ratio	Lower	Upper
45	100		
46	31.7	16.4	56.4
42	12.9	0.0	28.8

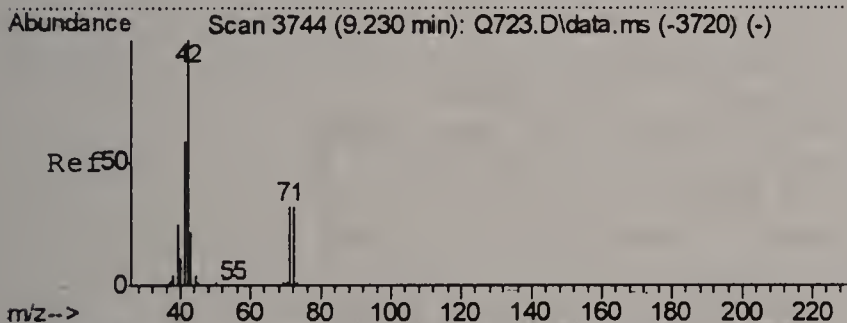
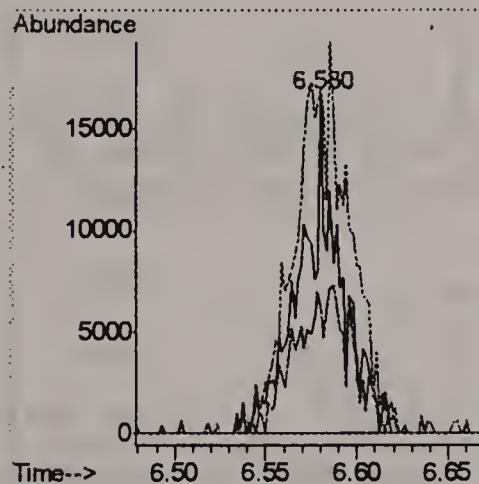
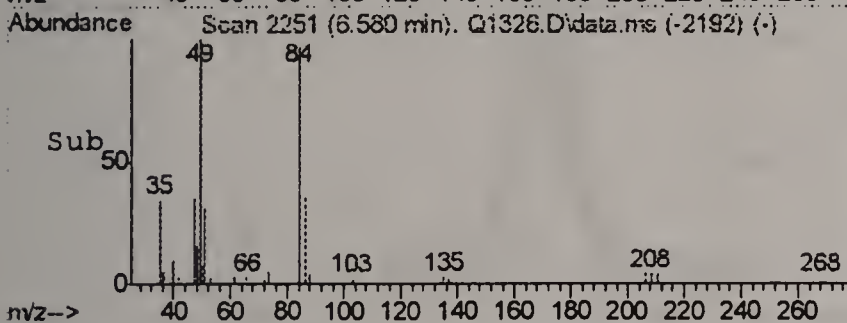




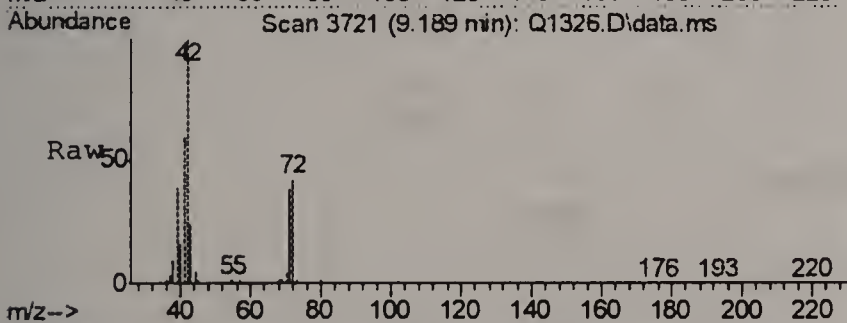
#18
METHYLENE CHLORIDE
Concen: 0.49 PPBV
RT: 6.580 min Scan# 2251
Delta R.T. -0.046 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am



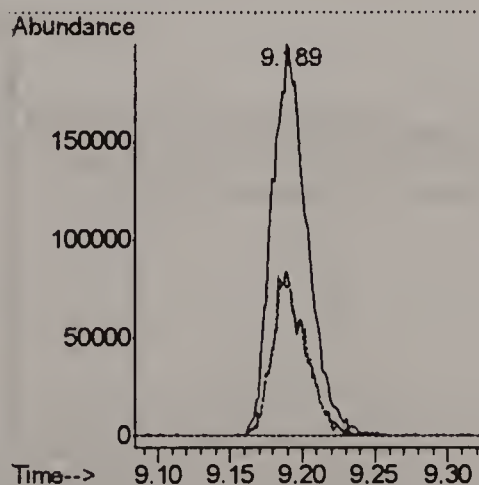
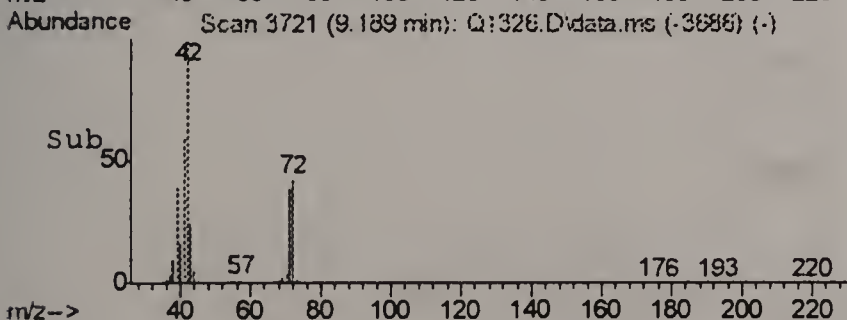
Tgt Ion: 84 Resp: 24645
Ion Ratio Lower Upper
84 100
86 58.8 44.6 84.6
49 157.0 0.7 400.7

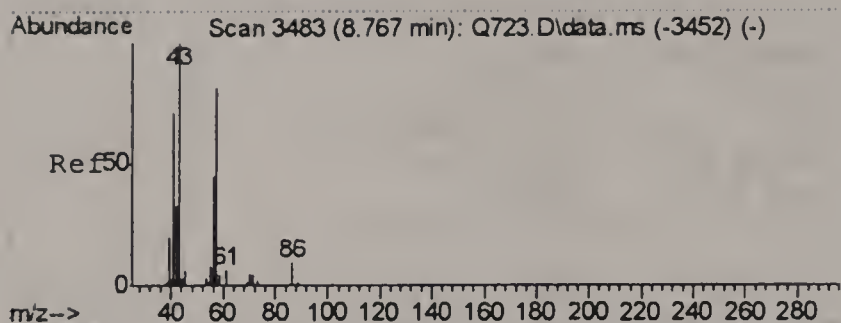


#24
TETRAHYDROFURAN
Concen: 13.07 PPBV
RT: 9.189 min Scan# 3721
Delta R.T. -0.041 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am



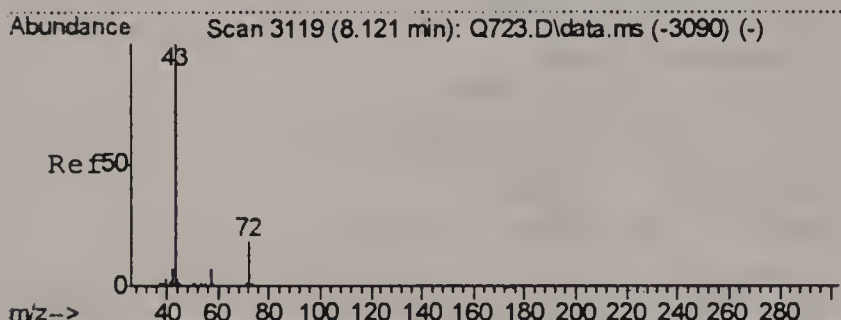
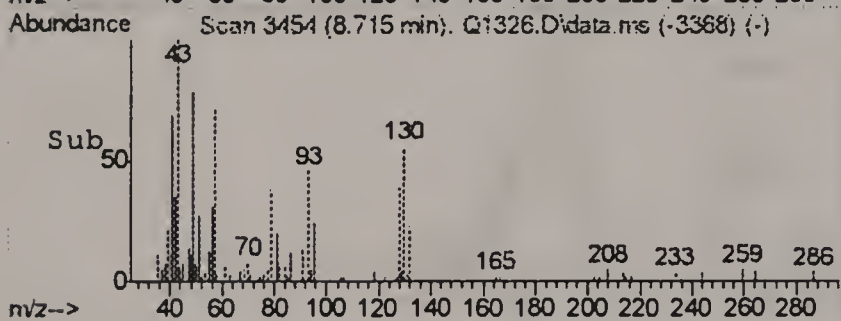
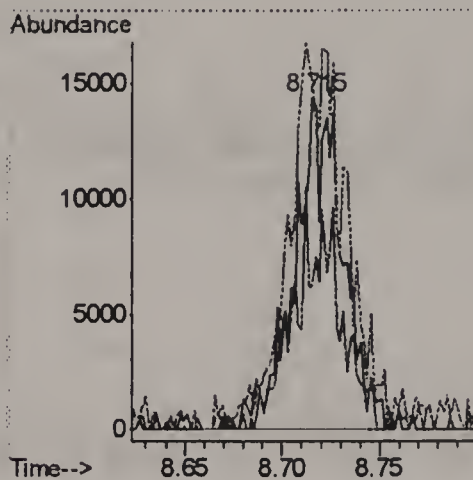
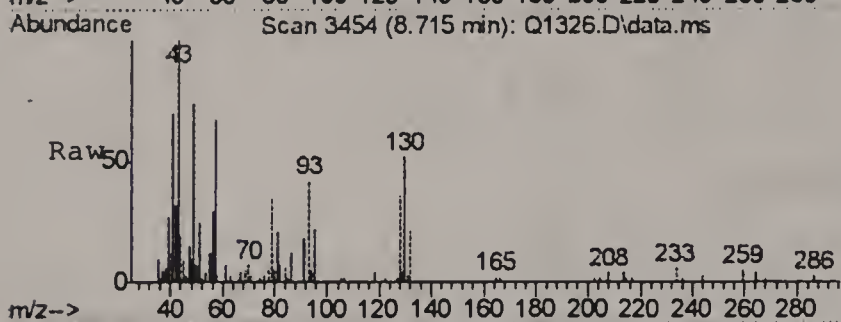
Tgt Ion: 42 Resp: 342181
Ion Ratio Lower Upper
42 100
72 39.7 9.7 49.7
71 39.6 8.6 48.6





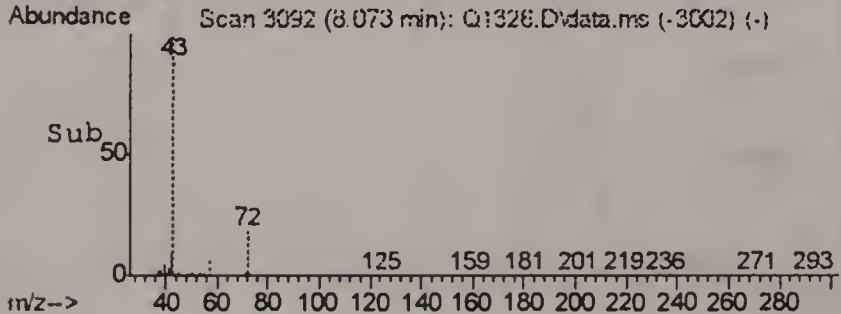
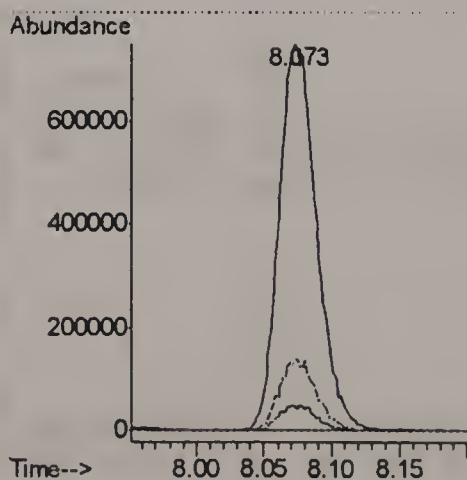
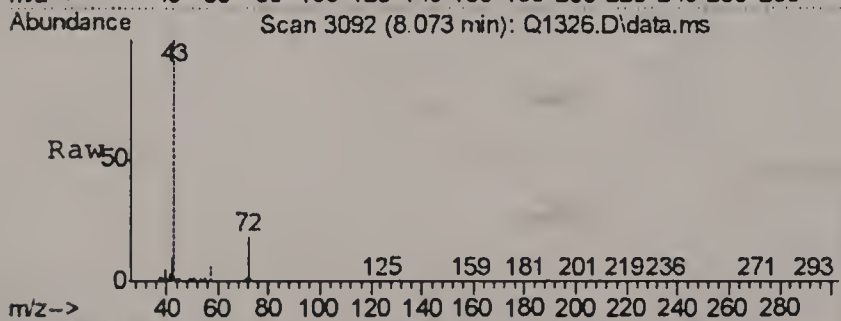
#25
 HEXANE
 Concen: 0.34 PPBV
 RT: 8.715 min Scan# 3454
 Delta R.T. -0.053 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am

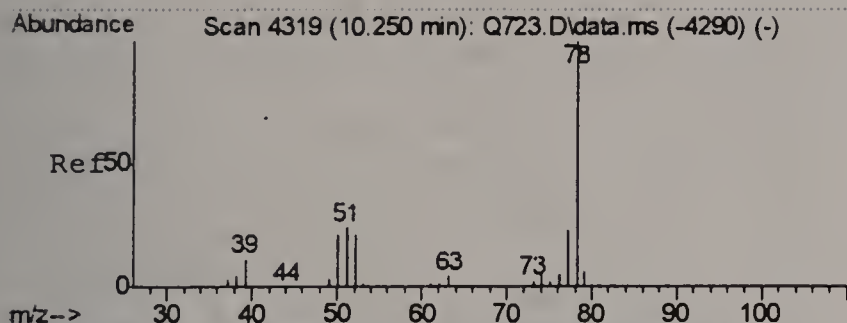
Tgt Ion: 57 Resp: 24840
 Ion Ratio Lower Upper
 57 100
 56 65.9 35.6 75.6
 41 138.2 71.4 111.4#



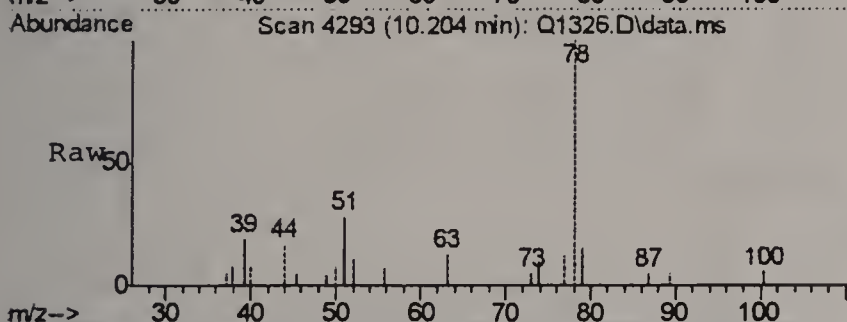
#28
 METHYL ETHYL KETONE
 Concen: 16.00 PPBV
 RT: 8.073 min Scan# 3092
 Delta R.T. -0.046 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am

Tgt Ion: 43 Resp: 1455347
 Ion Ratio Lower Upper
 43 100
 57 6.5 0.0 26.7
 72 18.2 0.0 36.0

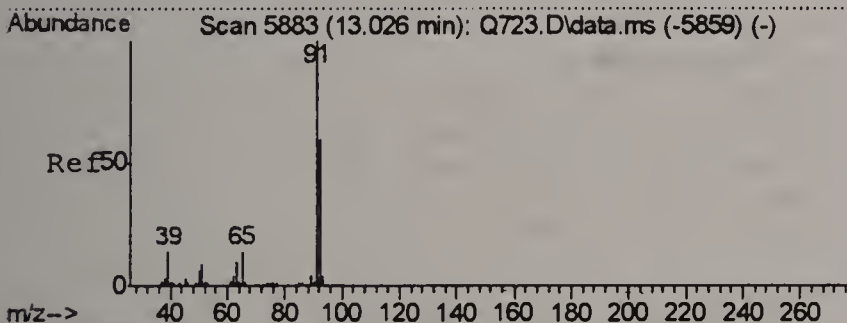
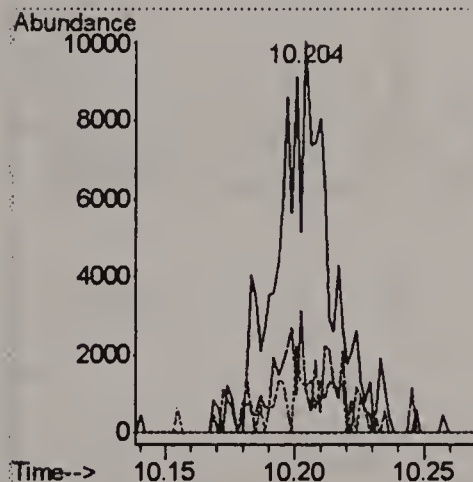
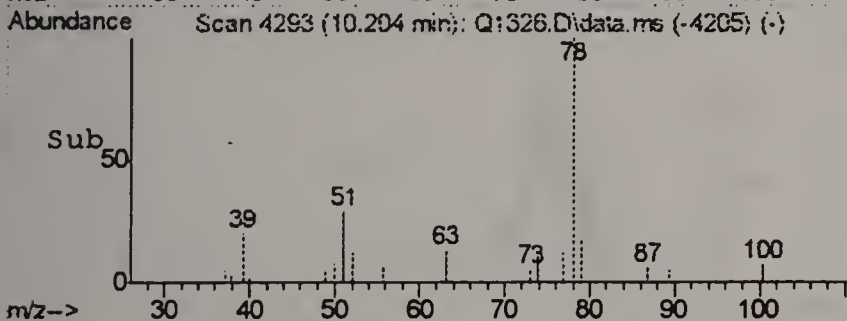




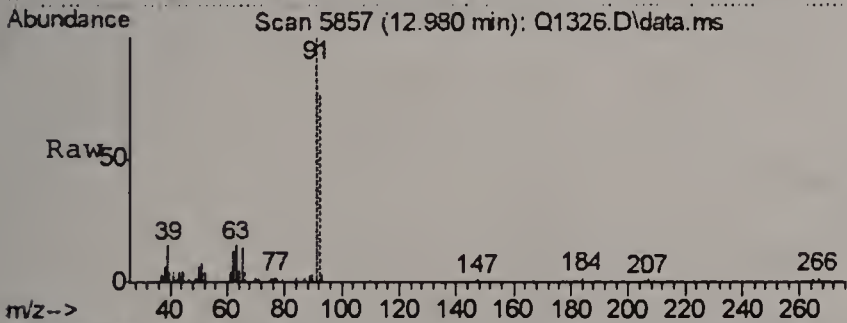
#36
 BENZENE
 Concen: 0.16 PPBV
 RT: 10.204 min Scan# 4293
 Delta R.T. -0.050 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am



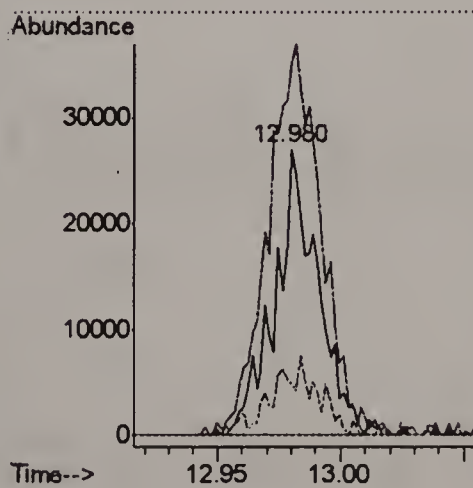
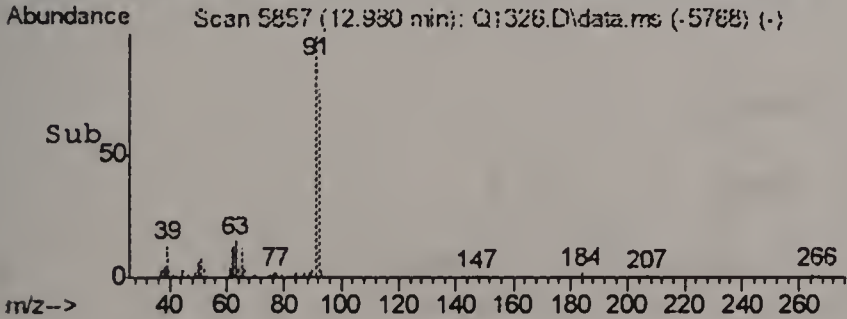
Tgt Ion: 78 Resp: 13585
 Ion Ratio Lower Upper
 78 100
 77 10.8 3.4 43.4
 52 11.2 2.0 42.0

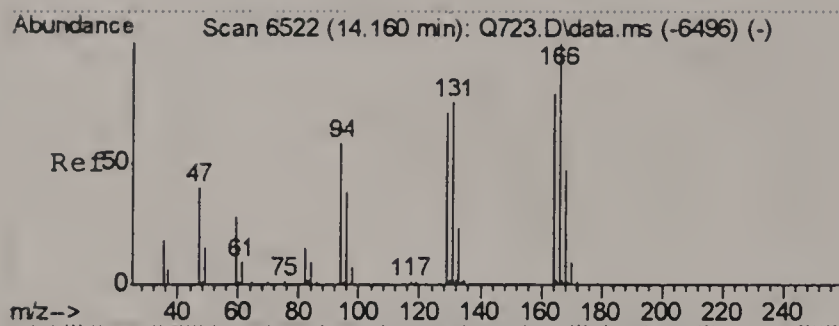


#46
 TOLUENE
 Concen: 0.67 PPBV
 RT: 12.980 min Scan# 5857
 Delta R.T. -0.048 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am

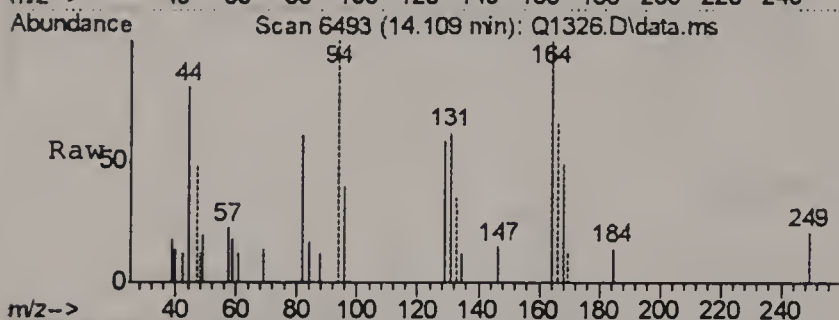


Tgt Ion: 92 Resp: 32817
 Ion Ratio Lower Upper
 92 100
 91 170.0 149.4 189.4
 65 29.2 3.6 43.6

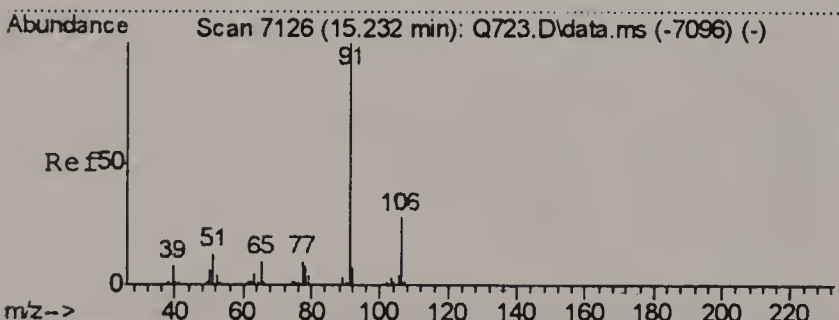
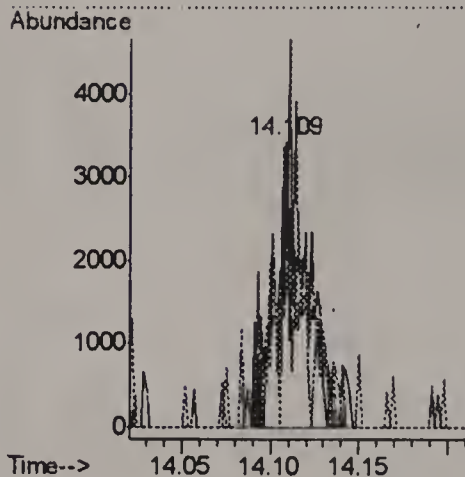
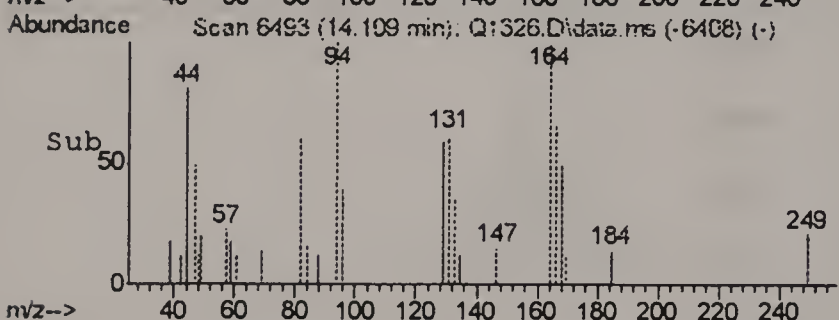




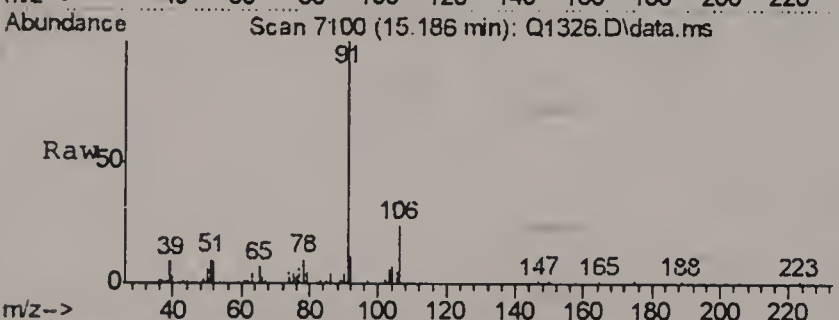
#51
TETRACHLOROETHYLENE
Concen: 0.12 PPBV m
RT: 14.109 min Scan# 6493
Delta R.T. -0.054 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am



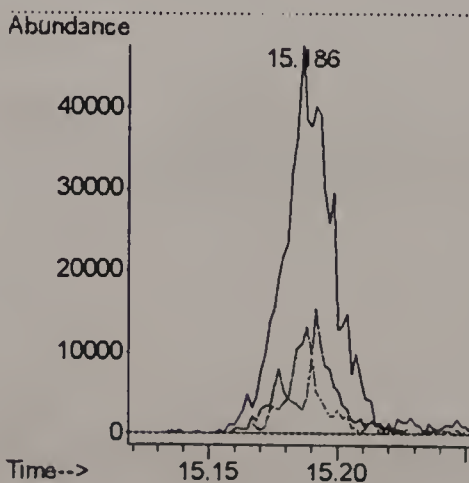
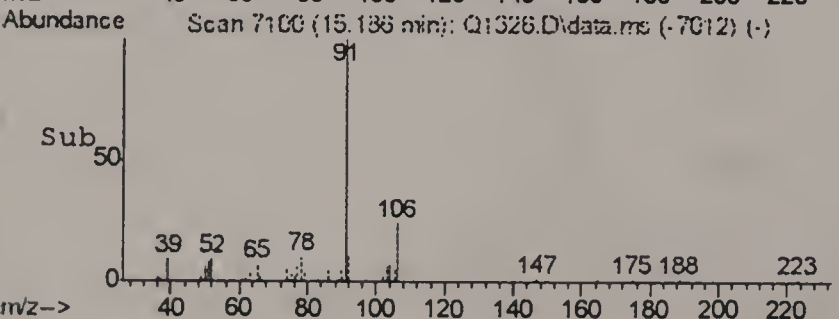
Tgt Ion: 164 Resp: 3848
Ion Ratio Lower Upper
164 100
129 86.2 75.5 115.5
168 29.1 42.7 82.7#
131 79.5 75.2 115.2

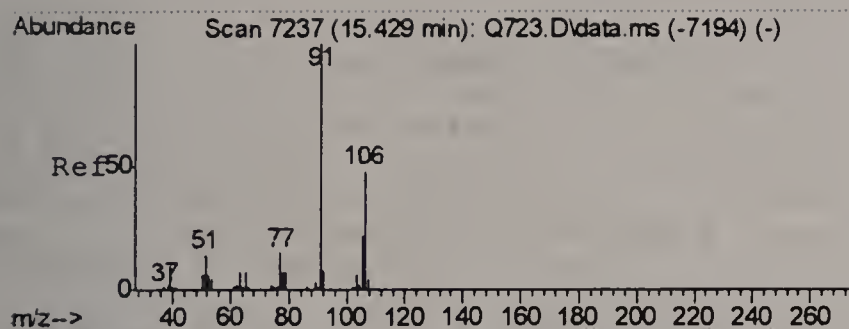


#55
ETHYLBENZENE
Concen: 0.72 PPBV
RT: 15.186 min Scan# 7100
Delta R.T. -0.050 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am



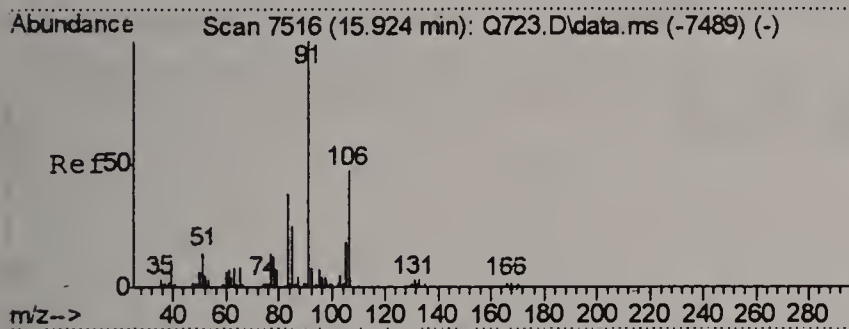
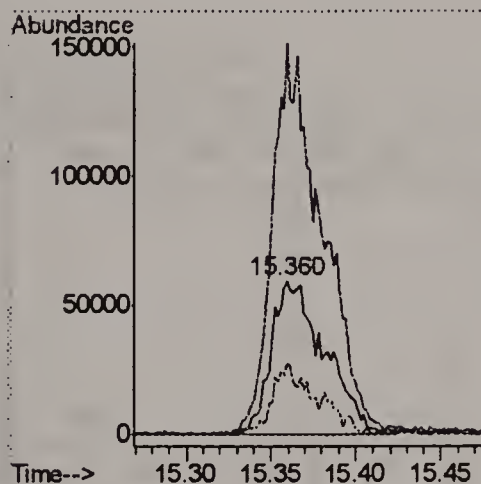
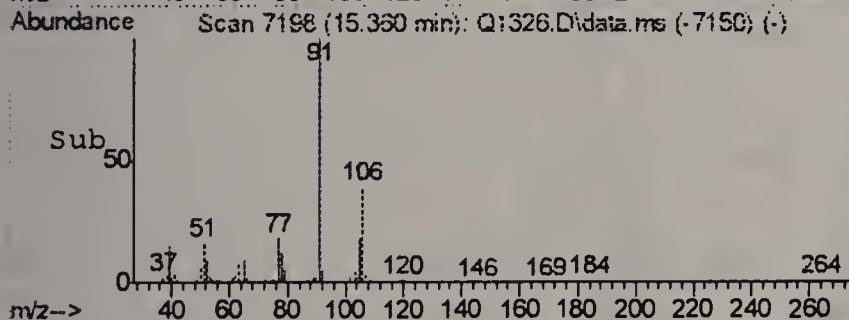
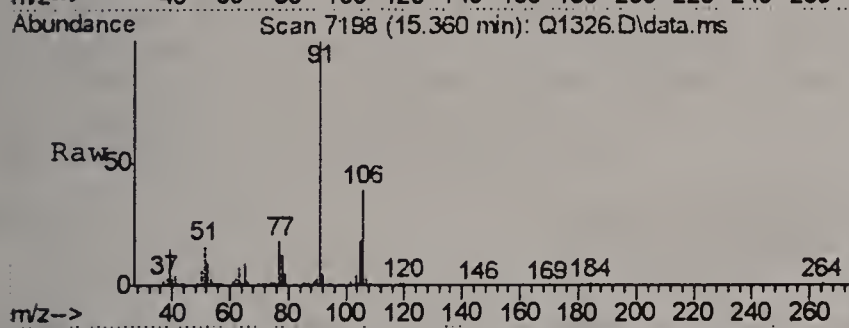
Tgt Ion: 91 Resp: 60334
Ion Ratio Lower Upper
91 100
106 29.6 7.4 47.4
77 13.0 0.0 29.5





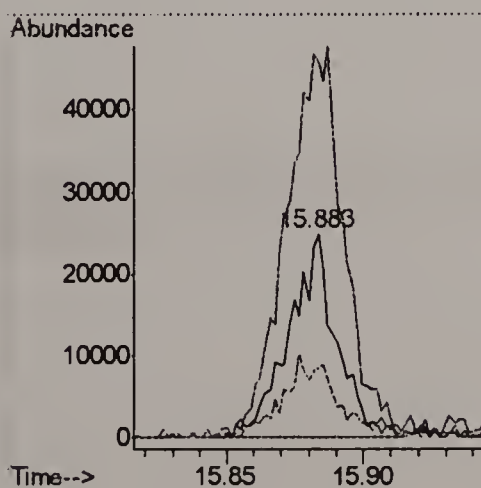
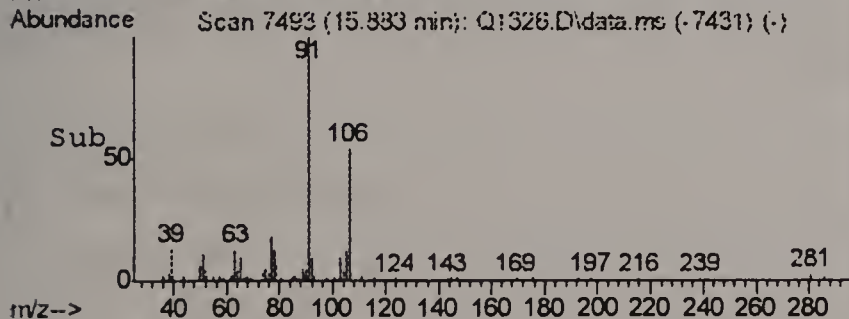
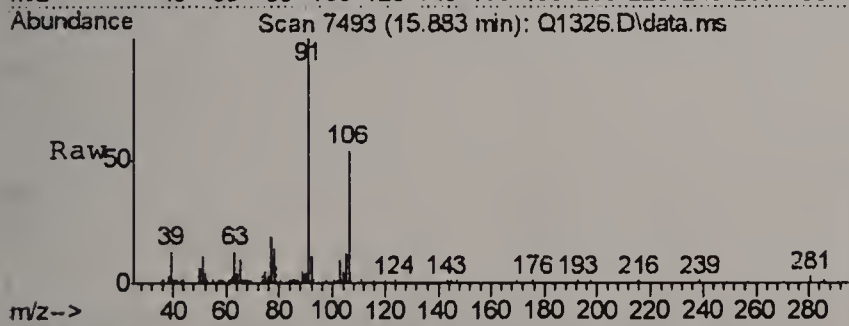
#56
m,p-XYLENE
Concen: 4.10 PPBV
RT: 15.360 min Scan# 7198
Delta R.T. -0.069 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am

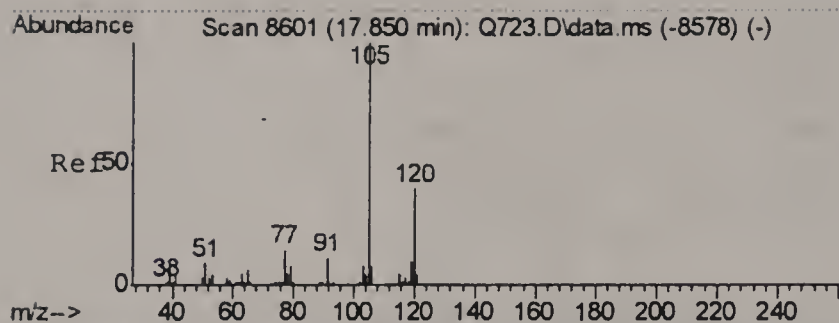
Tgt Ion	Ratio	Lower	Upper
106	100		
91	254.4	182.7	274.1
77	46.2	25.4	38.2



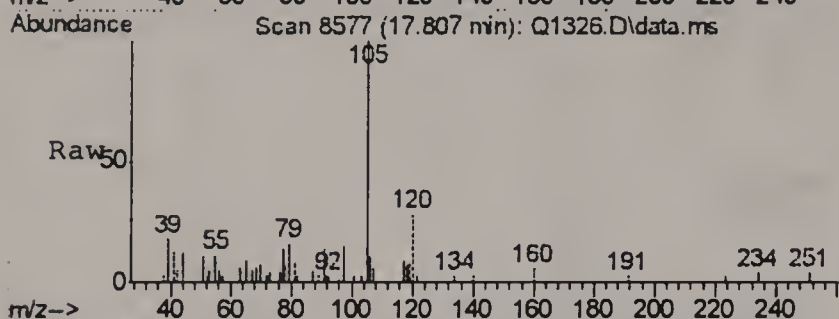
#57
o-XYLENE
Concen: 0.97 PPBV
RT: 15.883 min Scan# 7493
Delta R.T. -0.046 min
Lab File: Q1326.D
Acq: 8 Aug 2006 11:27 am

Tgt Ion	Ratio	Lower	Upper
106	100		
91	232.5	218.9	258.9
77	45.5	12.8	52.8

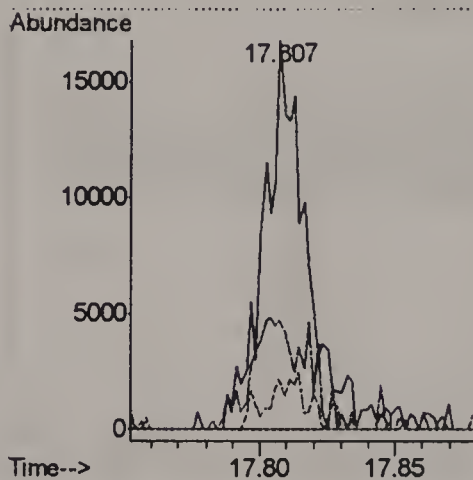
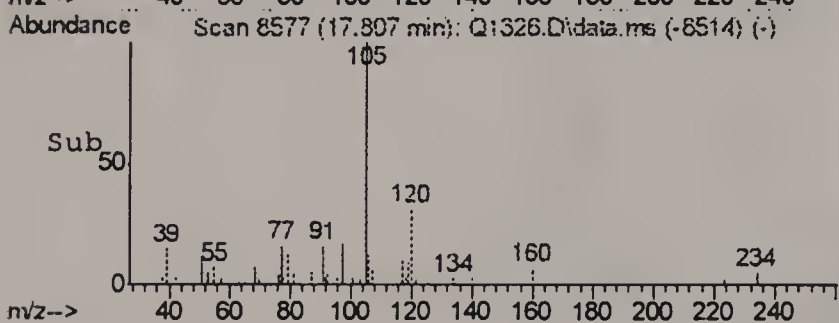




#67
 1,2,4-TRIMETHYLBENZENE
 Concen: 0.44 PPBV
 RT: 17.807 min Scan# 8577
 Delta R.T. -0.044 min
 Lab File: Q1326.D
 Acq: 8 Aug 2006 11:27 am



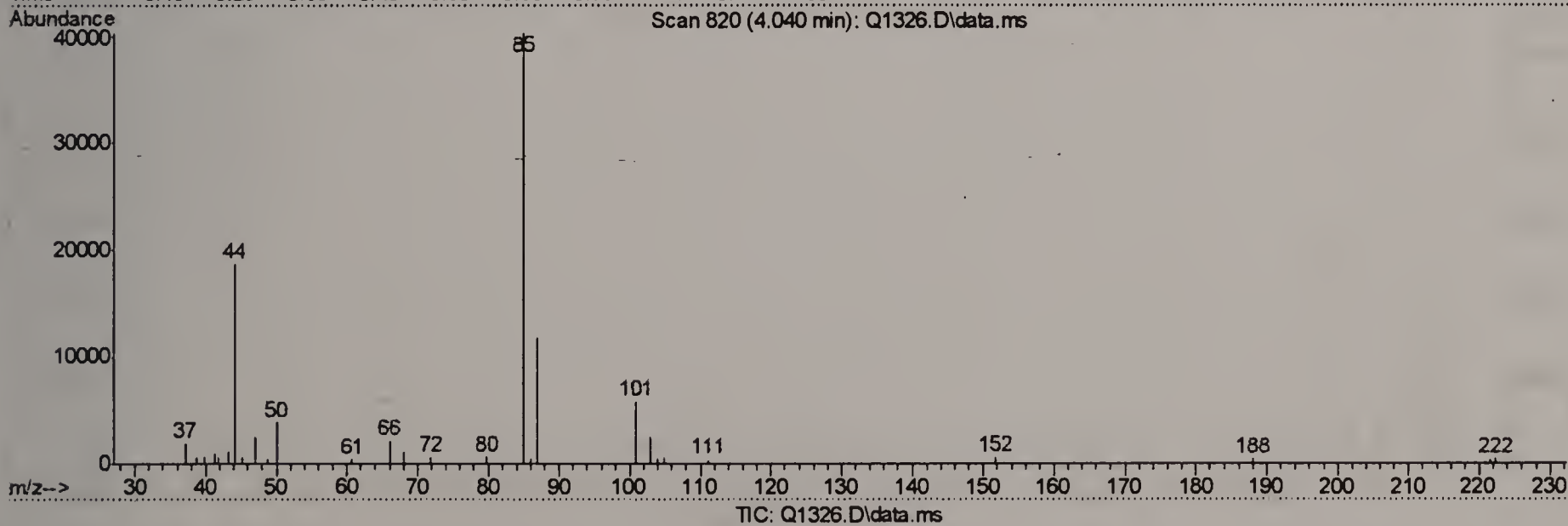
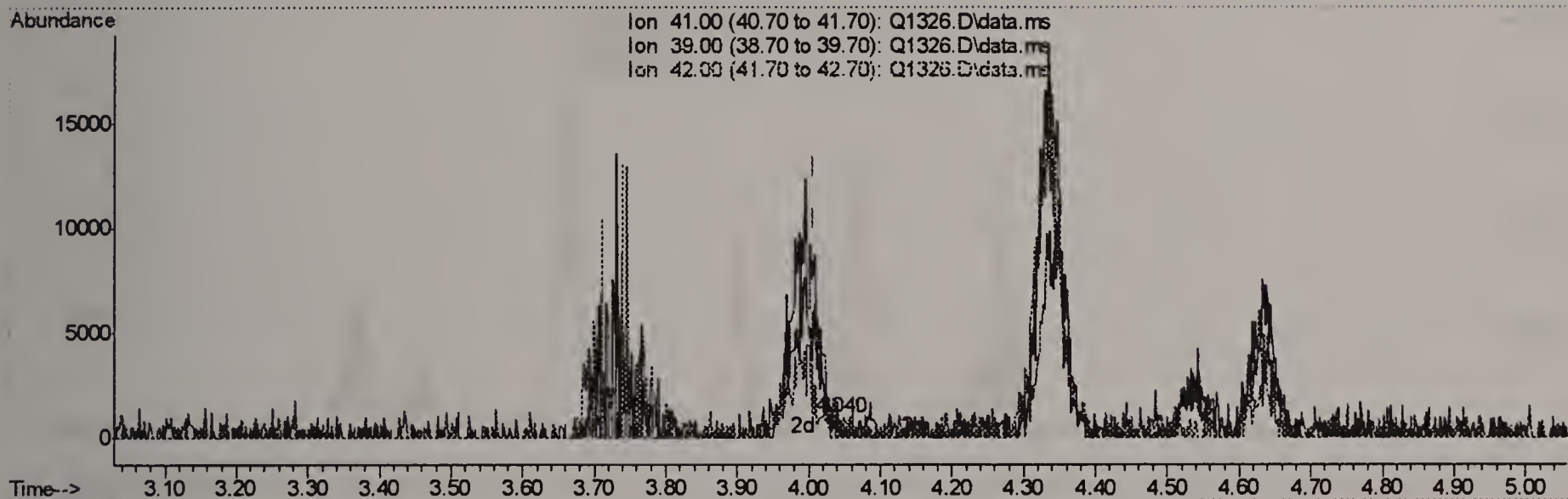
Tgt Ion	Ratio	Lower	Upper
105	100		
120	35.8	22.7	62.7
119	14.7	0.0	30.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

4.040min (+0.034) 0.03PPBV

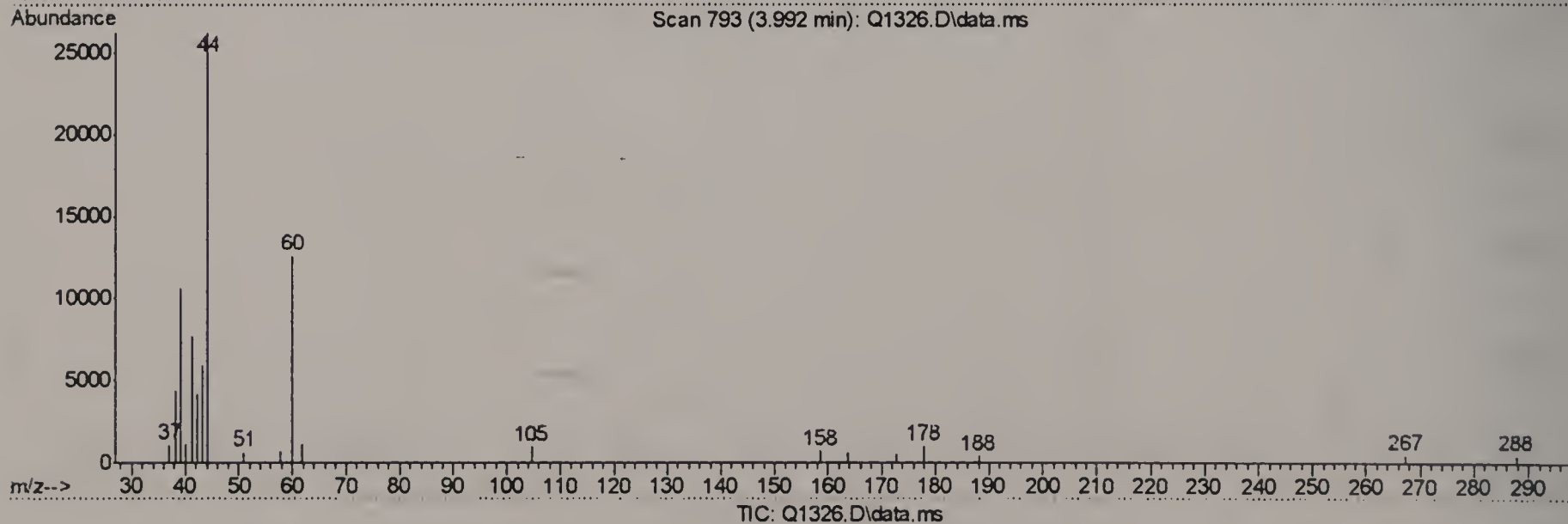
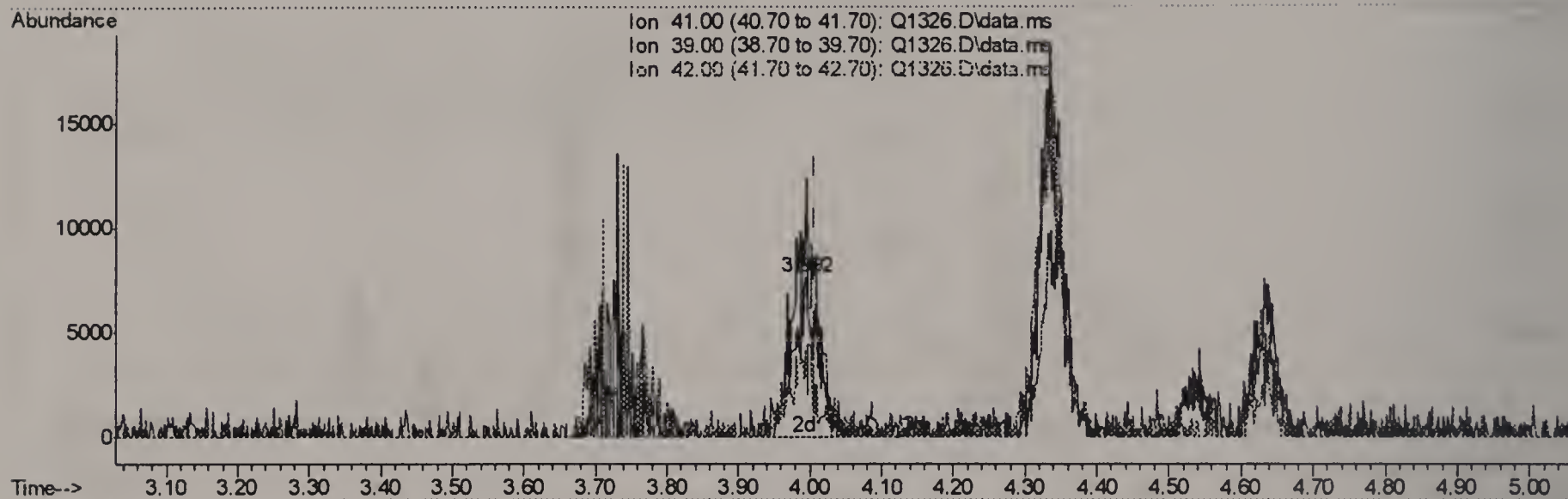
response 752

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	66.49
42.00	66.80	66.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.992min (-0.014) 0.70PPBV m

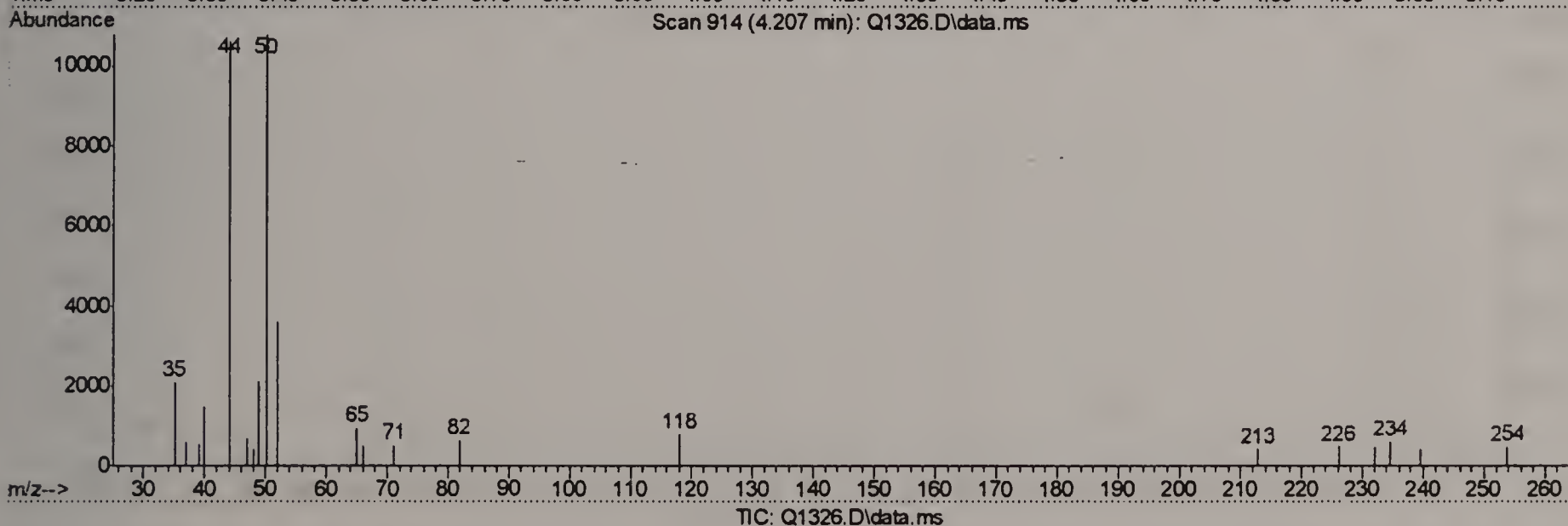
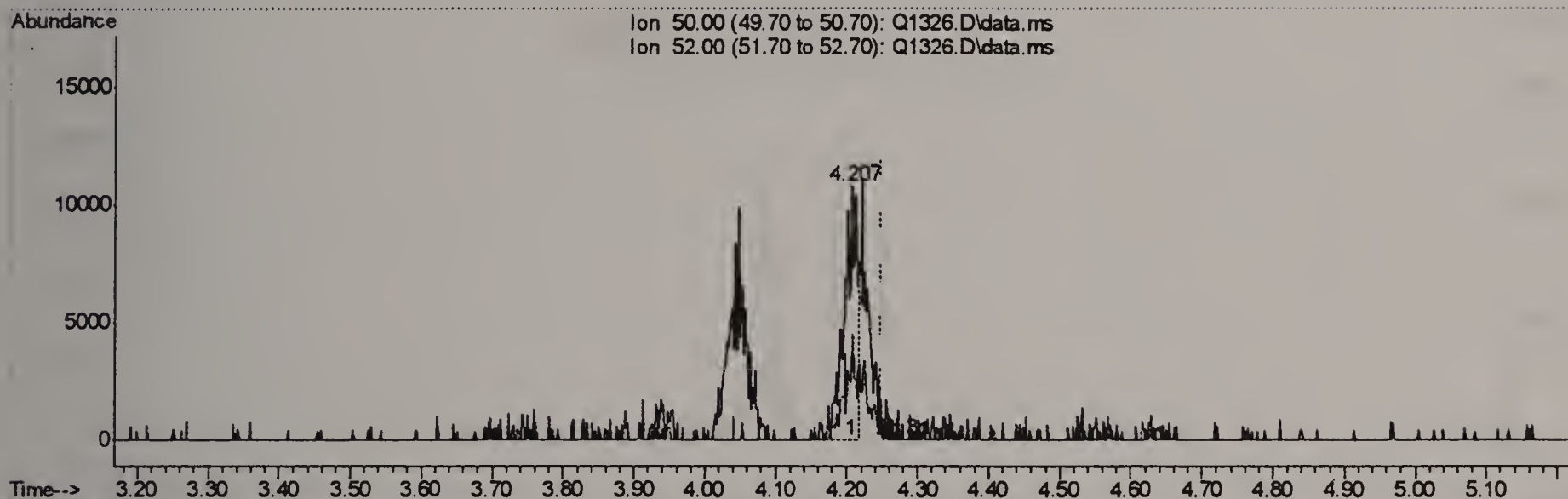
response 19744

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	138.32#
42.00	66.80	54.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.207min (-0.042) 0.32PPBV

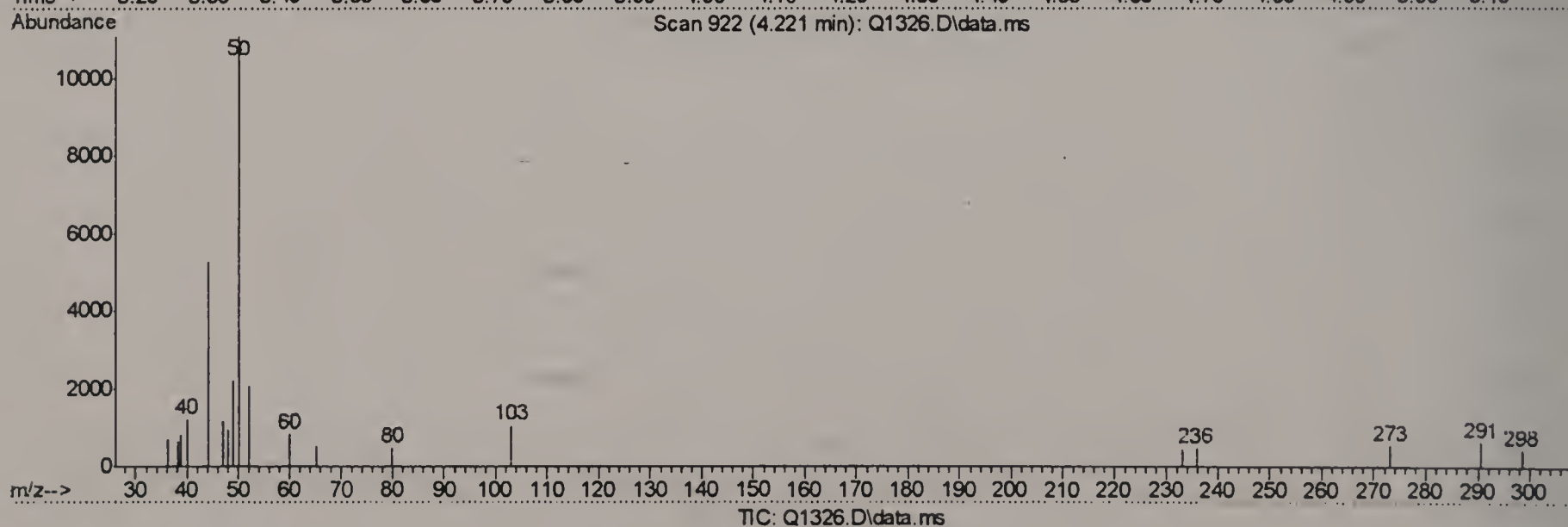
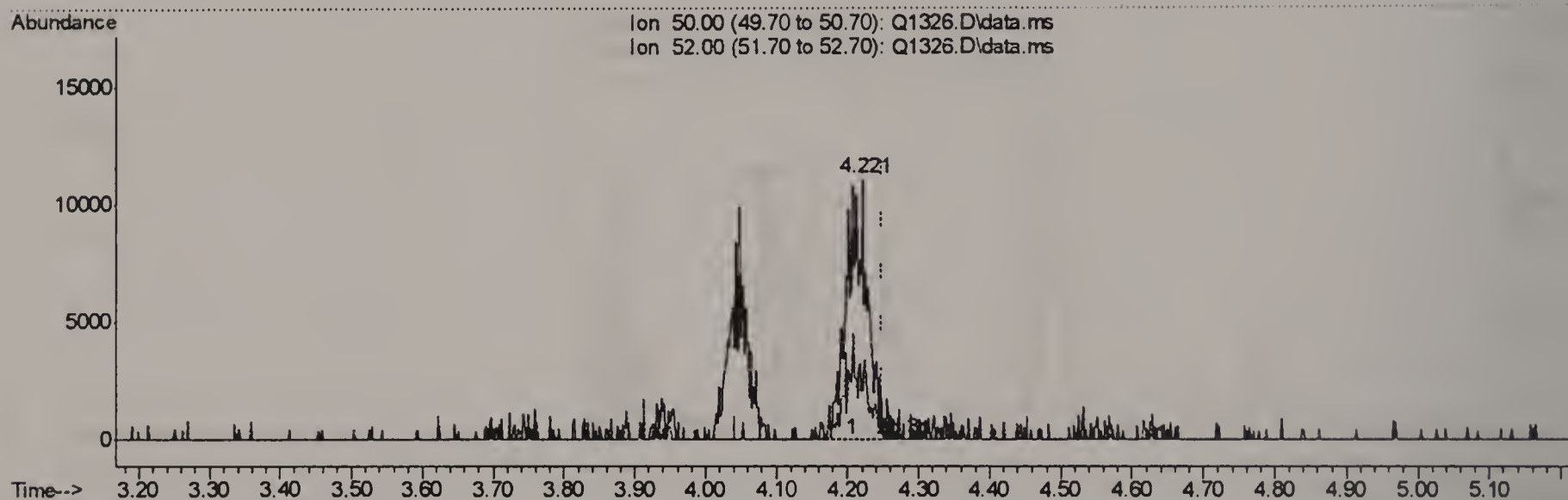
response 13994

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	27.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.221min (-0.028) 0.51PPBV m

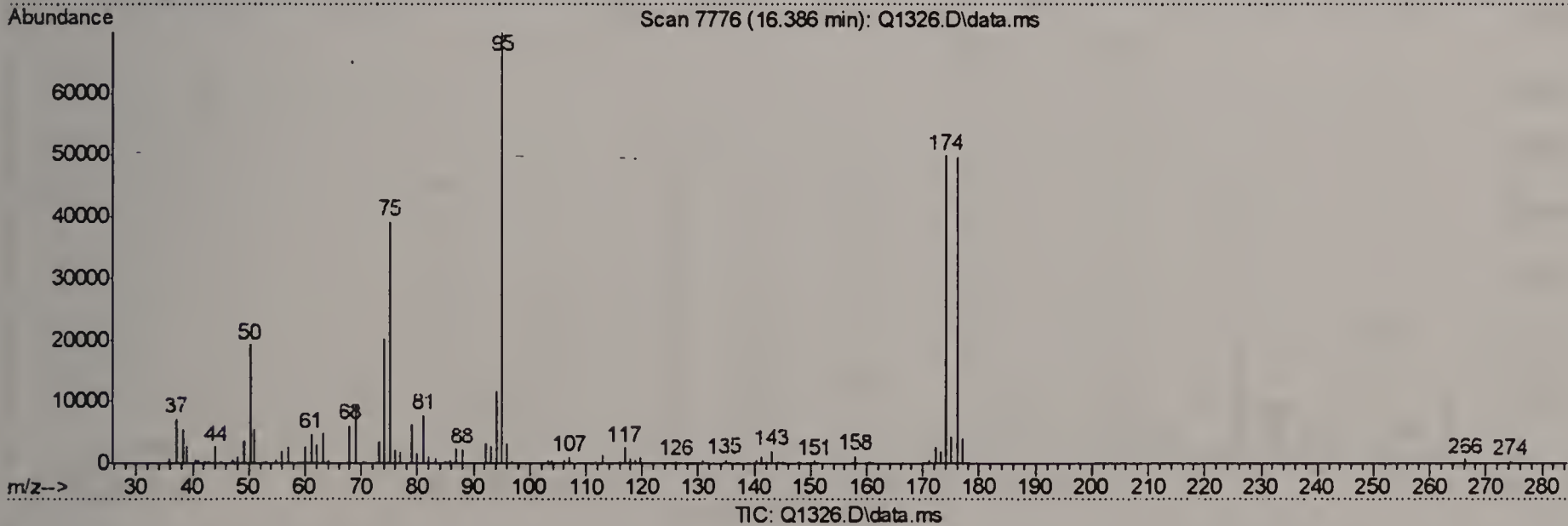
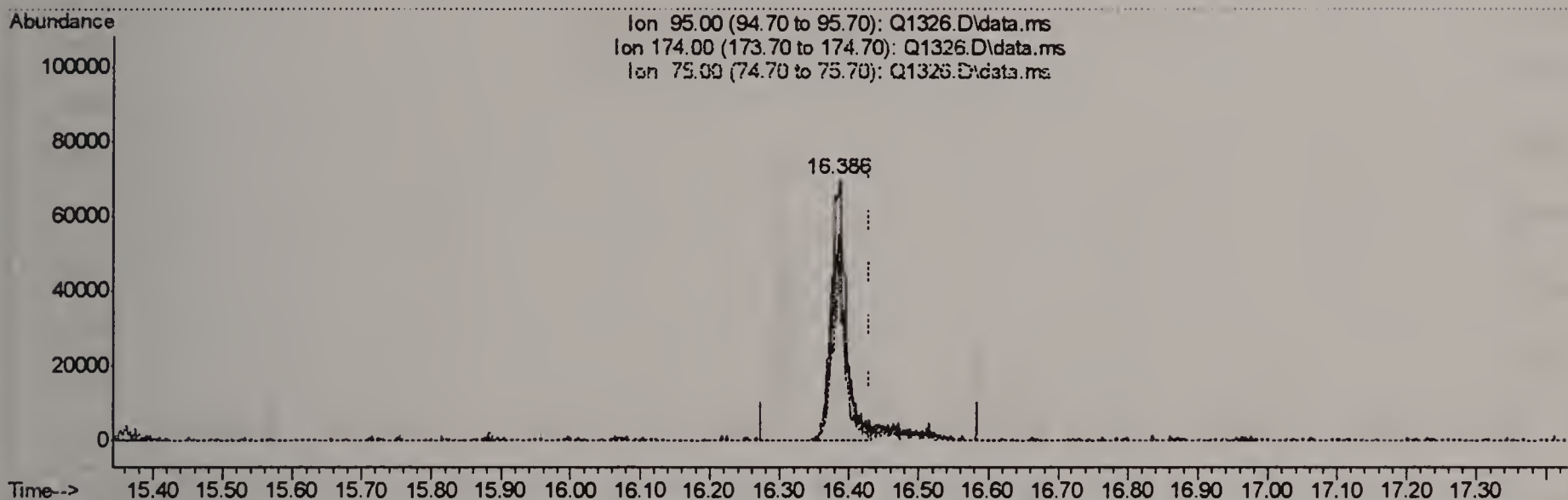
response 22771

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	18.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.386min (-0.044) 3.52PPBV

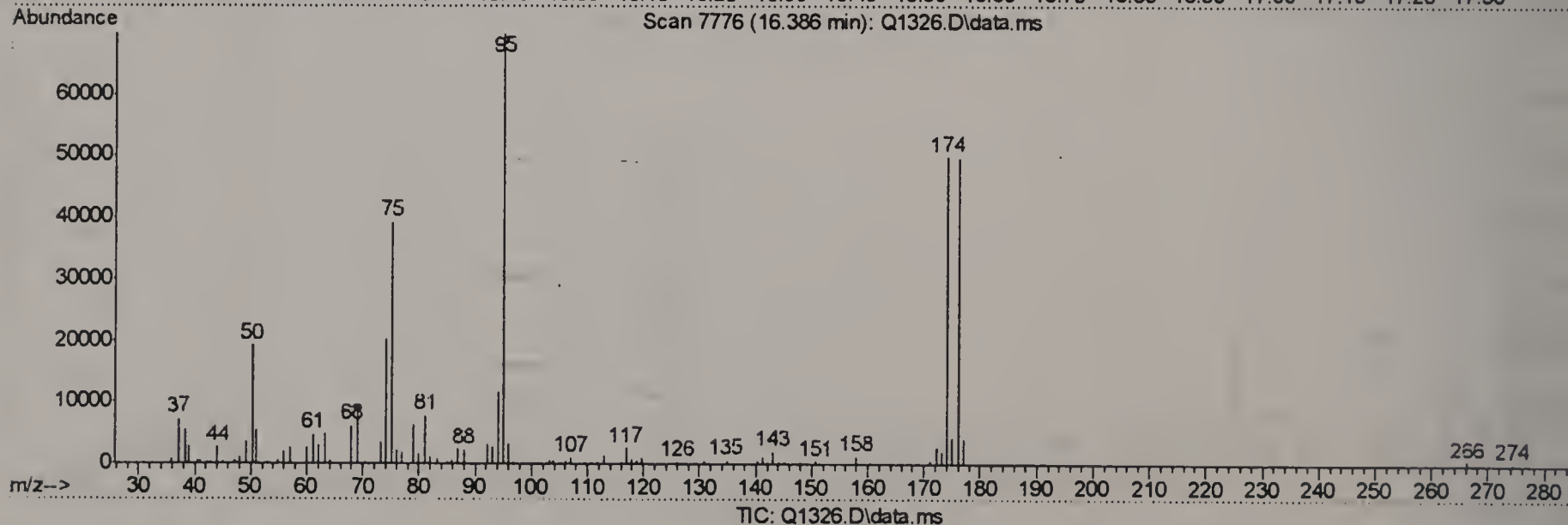
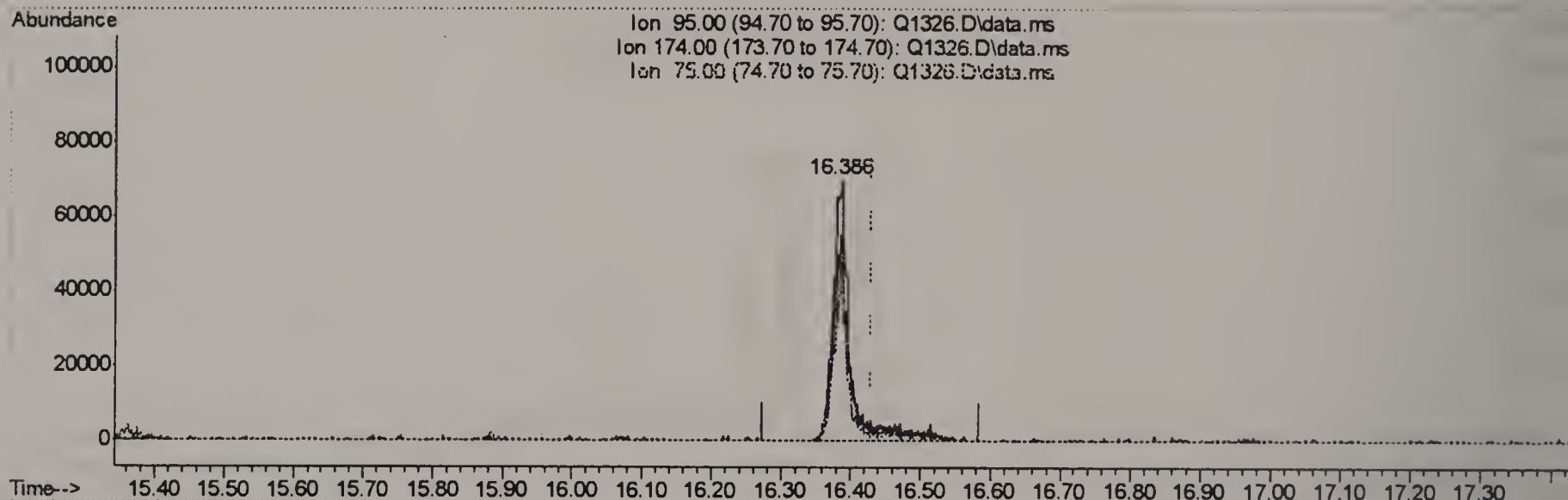
response 108620

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	73.17
75.00	52.30	56.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.386min (-0.044) 4.08PPBV m

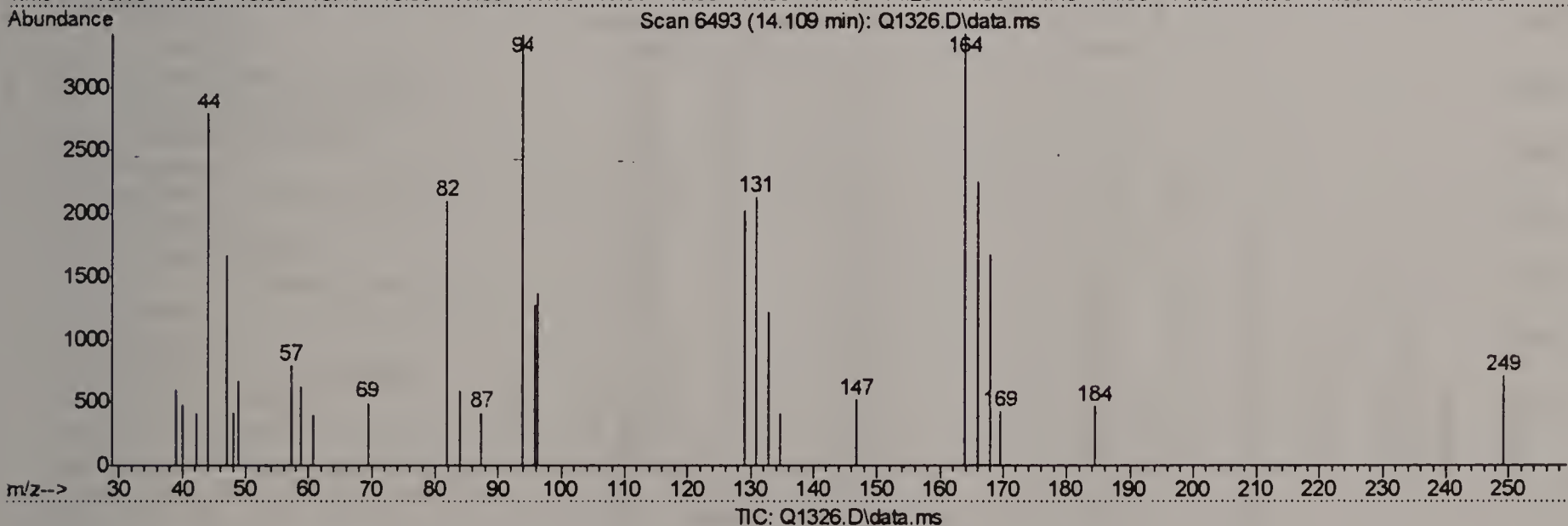
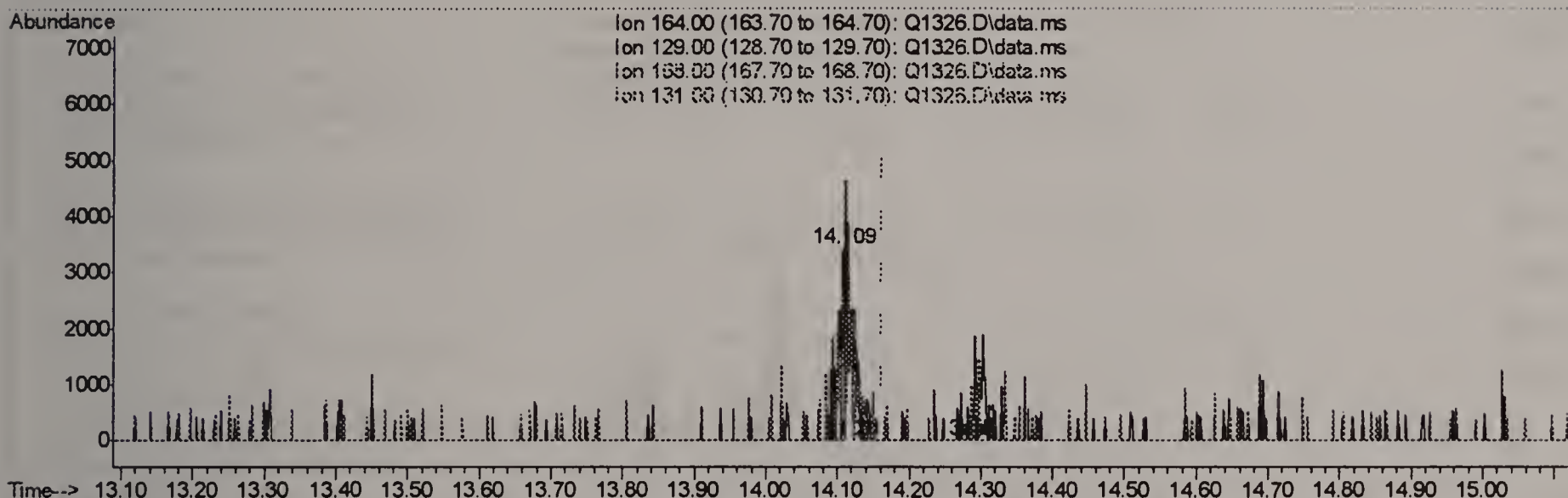
response 125676

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	63.24
75.00	52.30	48.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.109min (-0.054) 0.05PPBV

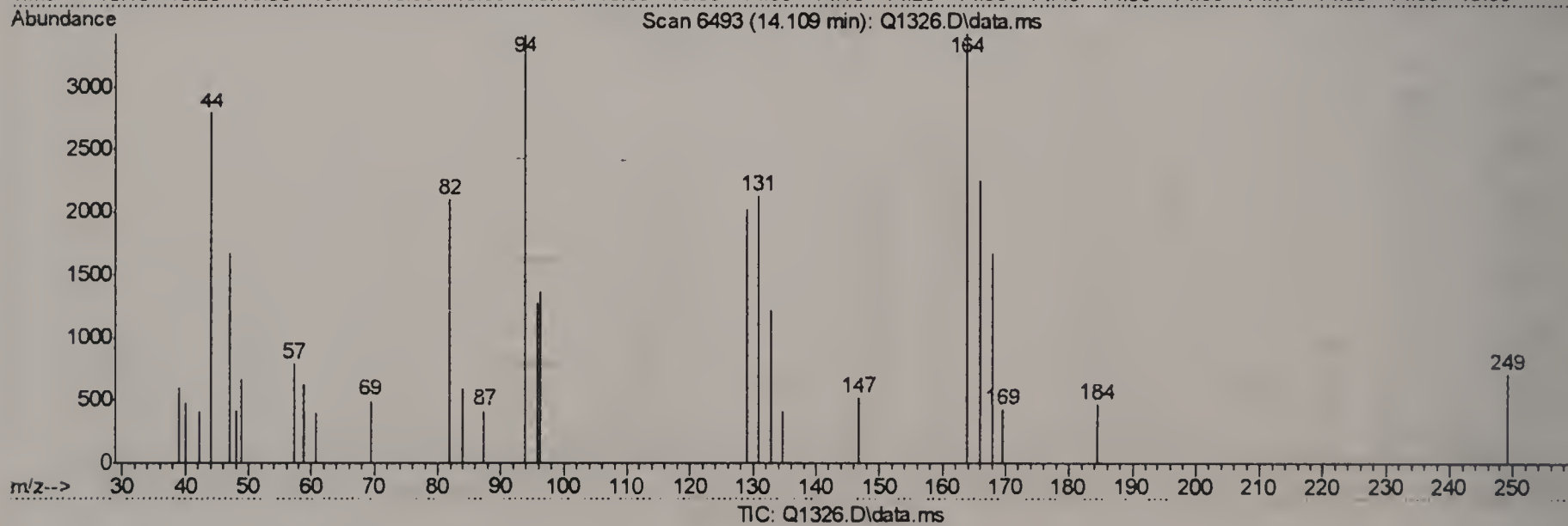
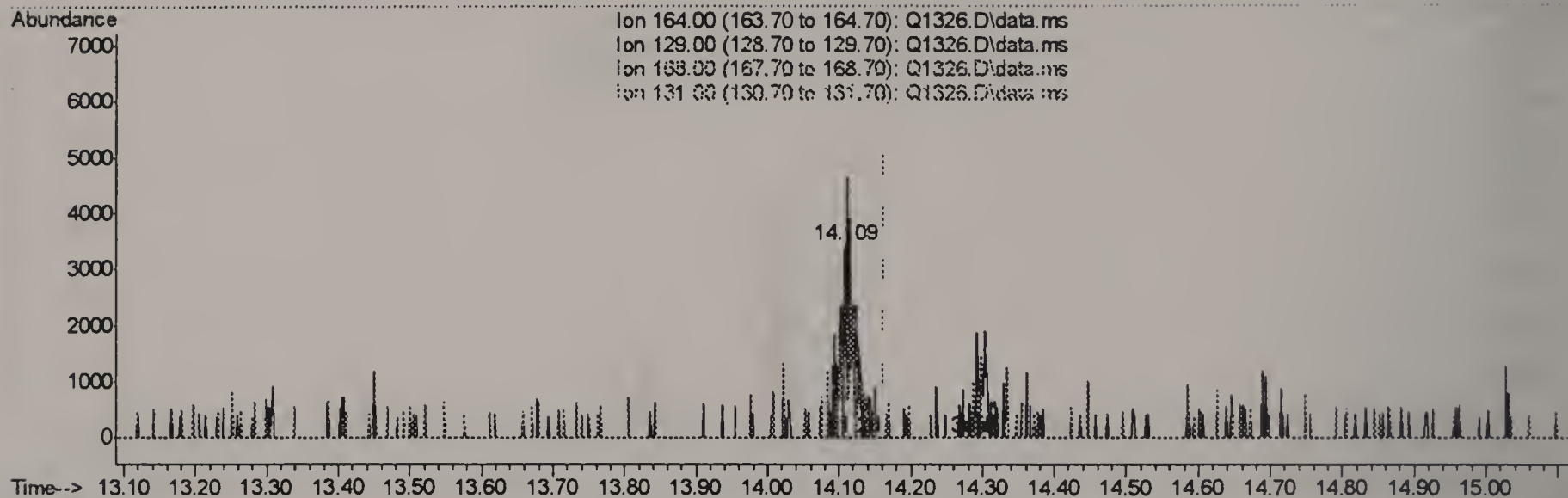
response 1661

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	199.64#
168.00	62.70	67.37
131.00	95.20	184.29#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1326.D
 Acq On : 8 Aug 2006 11:27 am
 Operator : PhilipB
 Sample : M58364-1 (M112)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:56:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



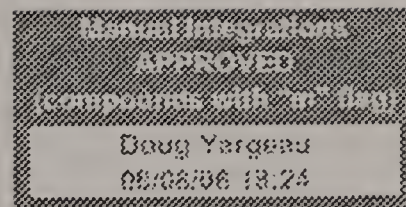
(51) TETRACHLOROETHYLENE (m)

14.109min (-0.054) 0.12PPBV m

response 3848

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	86.17
168.00	62.70	29.08#
131.00	95.20	79.55

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1327.D
 Acq On : 8 Aug 2006 12:15 pm
 Operator : PhilipB
 Sample : M58364-2 (M093)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 08 13:21:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.685	128	430550	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1220200	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	889836	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
61) 4-BROMOFLUOROBENZENE	16.380	95	197084	4.41	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	88.20%

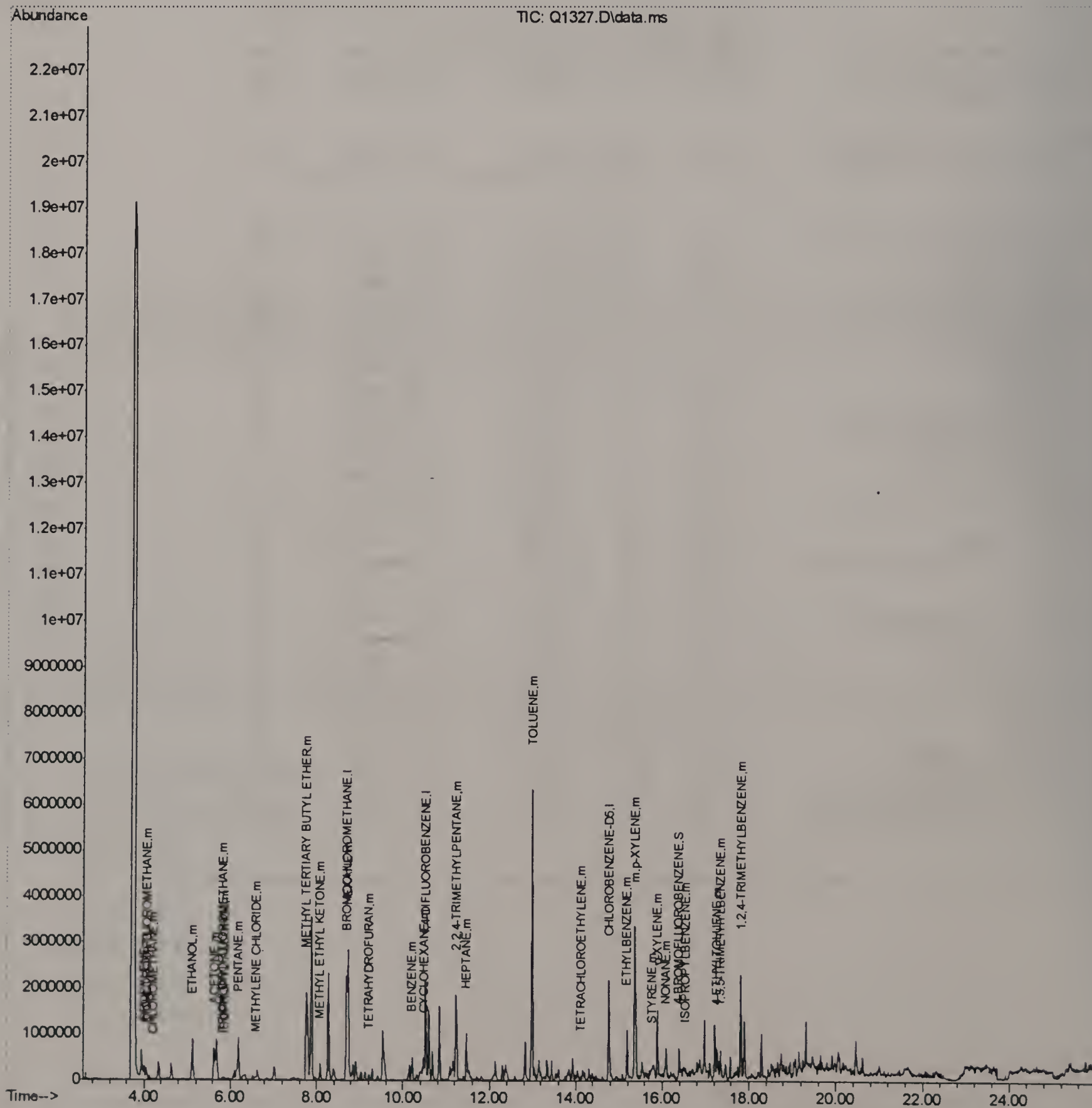
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.051	85	89282	0.49	PPBV	89
3) PROPYLENE	3.985	41	54260	1.88	PPBV #	58
5) CHLOROMETHANE	4.223	50	23794m	0.52	PPBV	
10) TRICHLOROFLUOROMETHANE	5.822	101	60164	0.28	PPBV	92
11) ISOPROPYL ALCOHOL	5.868	45	51914	0.85	PPBV	82
12) ACETONE	5.623	43	1126368	15.29	PPBV	67
13) PENTANE	6.177	42	319368	6.88	PPBV #	81
16) ETHANOL	5.118	45	1151880	73.08	PPBV	94
18) METHYLENE CHLORIDE	6.575	84	20298	0.39	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.751	73	1394788	11.91	PPBV #	47
24) TETRAHYDROFURAN	9.200	42	62349	2.31	PPBV	76
25) HEXANE	8.717	57	998990	13.32	PPBV #	77
28) METHYL ETHYL KETONE	8.076	43	430086	4.60	PPBV	95
36) BENZENE	10.206	78	368882	3.54	PPBV	93
37) CYCLOHEXANE	10.468	84	110326	2.30	PPBV #	68
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	1255827	6.57	PPBV	90
43) HEPTANE	11.461	43	336935	5.31	PPBV	86
46) TOLUENE	12.983	92	1973051	33.95	PPBV	96
51) TETRACHLOROETHYLENE	14.116	164	10627	0.23	PPBV	93
55) ETHYLBENZENE	15.188	91	681600	5.59	PPBV	98
56) m,p-XYLENE	15.360	106	944480	20.74	PPBV	97
57) o-XYLENE	15.882	106	332615	7.28	PPBV	98
58) STYRENE	15.761	104	13688	0.26	PPBV #	71
59) NONANE	16.080	43	189715	1.88	PPBV	86
63) ISOPROPYLBENZENE	16.526	105	45734	0.32	PPBV	89
65) 4-ETHYLTOLUENE	17.262	105	284489	3.06	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.346	105	248542	2.18	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.809	105	945090	8.47	PPBV	100

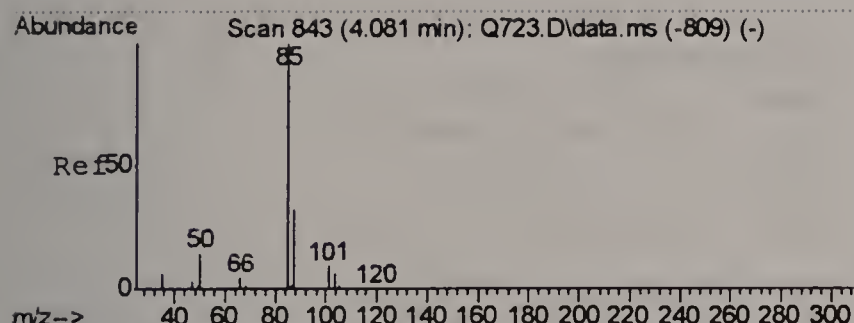
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1327.D
Acq On : 8 Aug 2006 12:15 pm
Operator : PhilipB
Sample : M58364-2 (M093)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 6 Sample Multiplier: 1

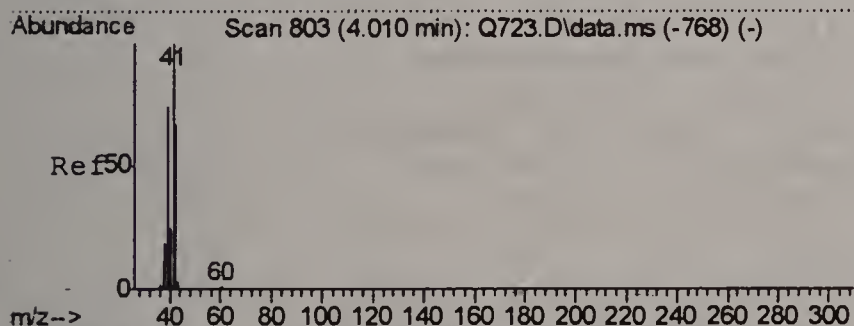
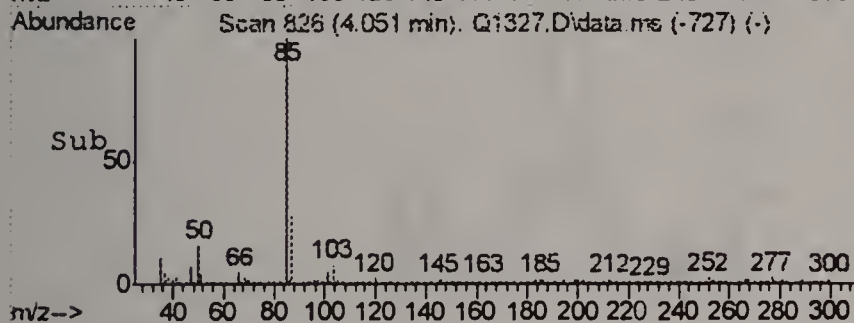
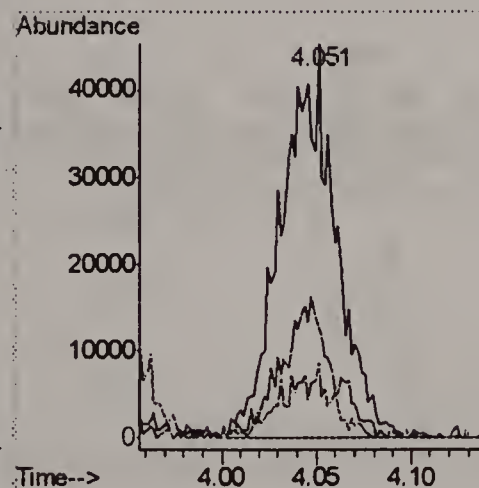
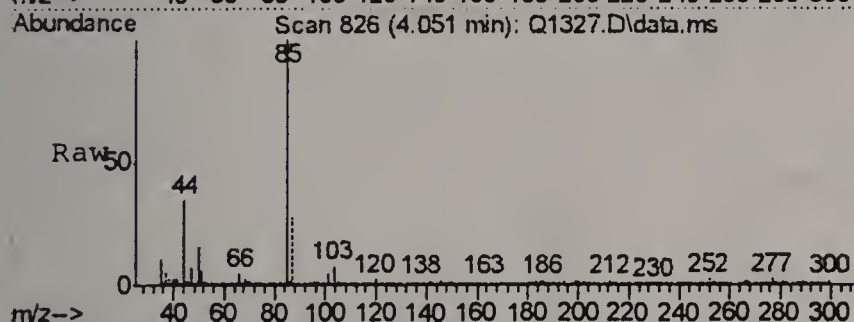
Quant Time: Aug 08 13:21:42 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 10:04:39 2006
Response via : Initial Calibration





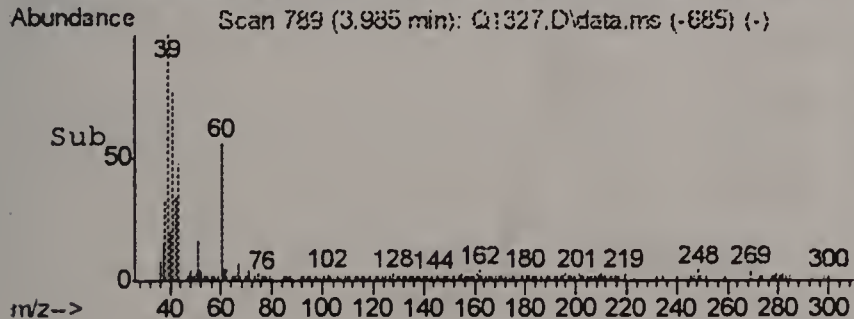
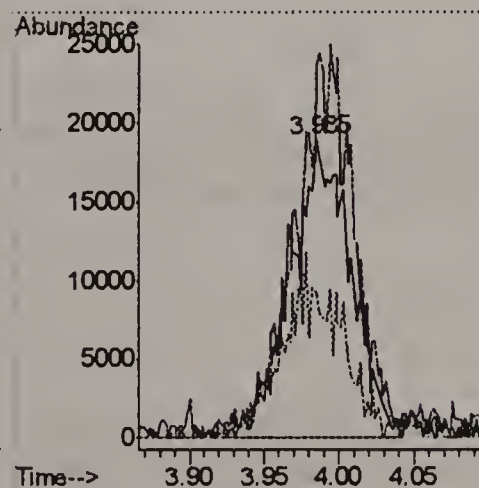
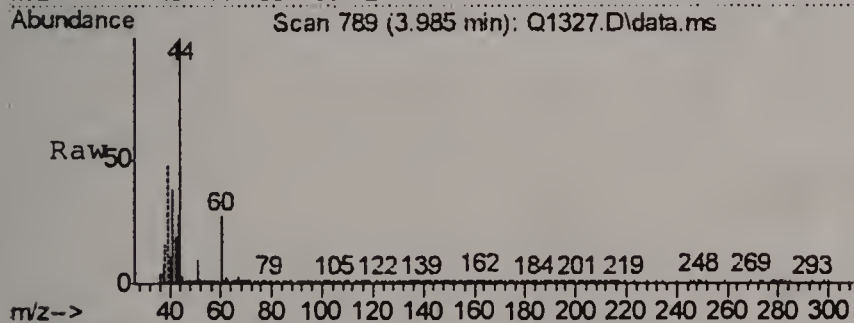
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.49 PPBV
 RT: 4.051 min Scan# 826
 Delta R.T. -0.030 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

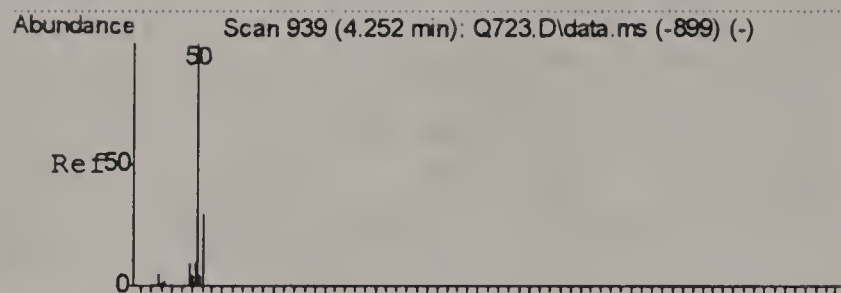
Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.3	11.9	51.9
50	5.0	0.0	35.5



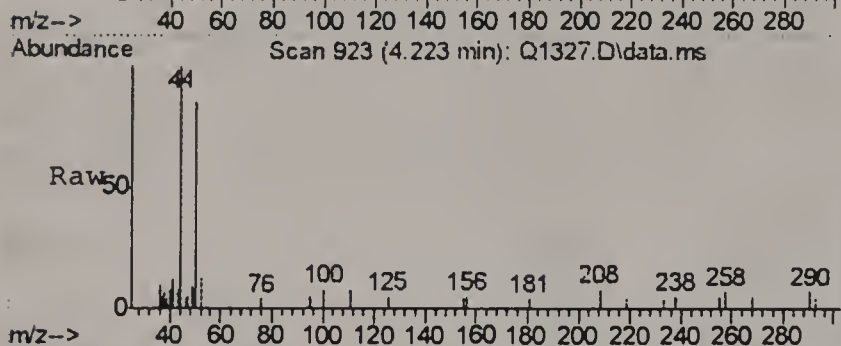
#3
 PROPYLENE
 Concen: 1.88 PPBV
 RT: 3.985 min Scan# 789
 Delta R.T. -0.021 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

Tgt Ion	Ratio	Lower	Upper
41	100		
39	125.8	55.3	95.3#
42	49.1	46.8	86.8

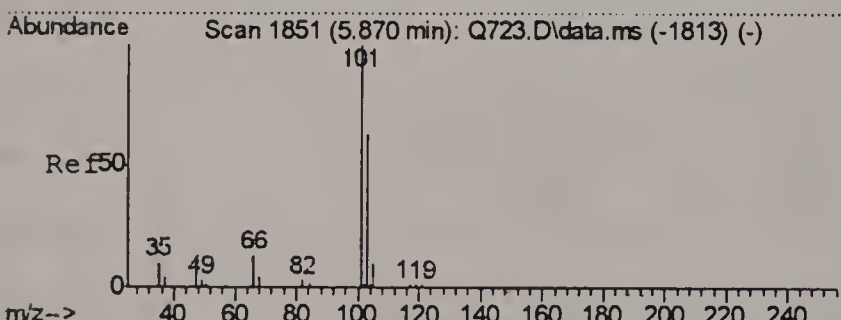
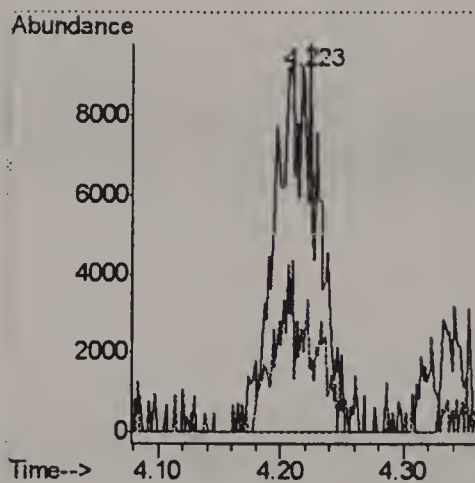
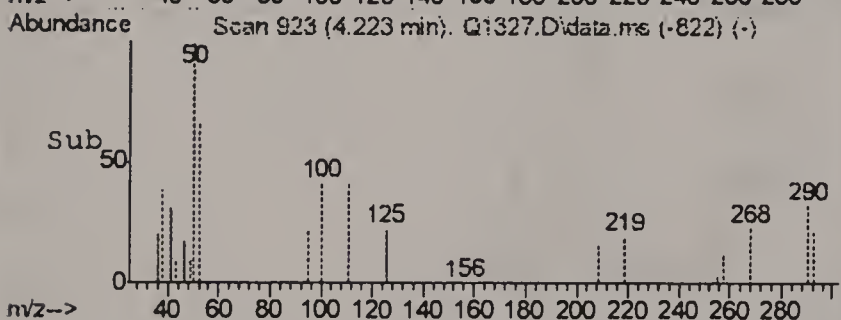




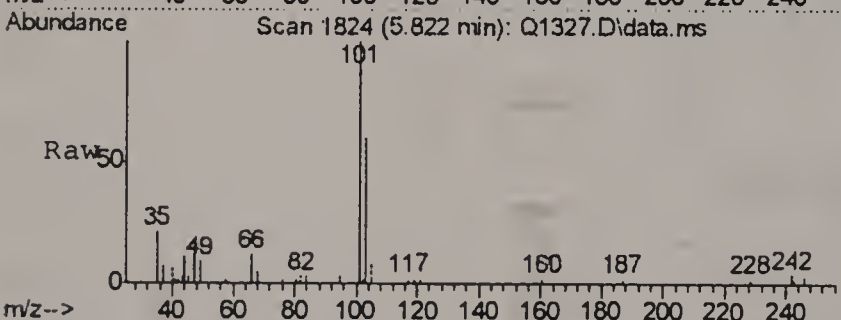
#5
 CHLOROMETHANE
 Concen: 0.52 PPBV m
 RT: 4.223 min Scan# 923
 Delta R.T. -0.026 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm



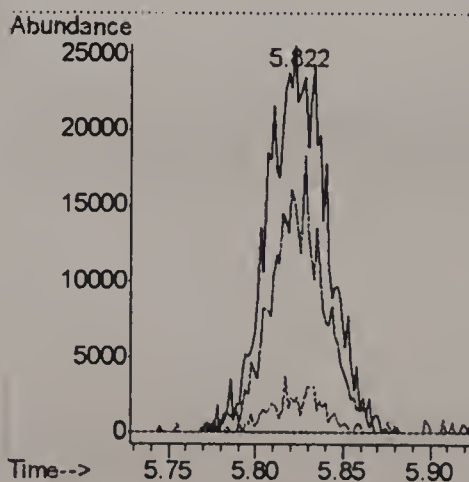
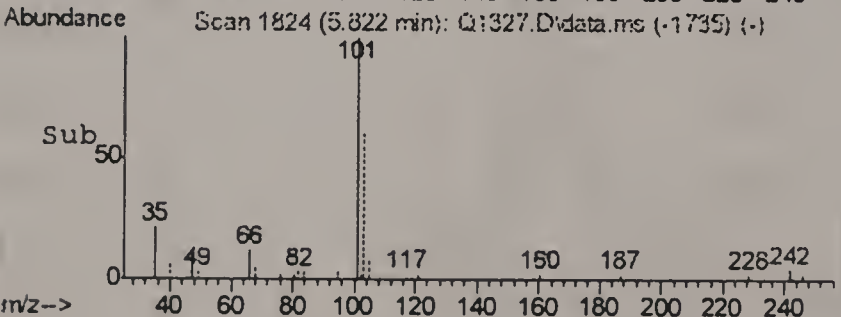
Tgt Ion: 50 Resp: 23794
 Ion Ratio Lower Upper
 50 100
 52 15.9 9.7 49.7

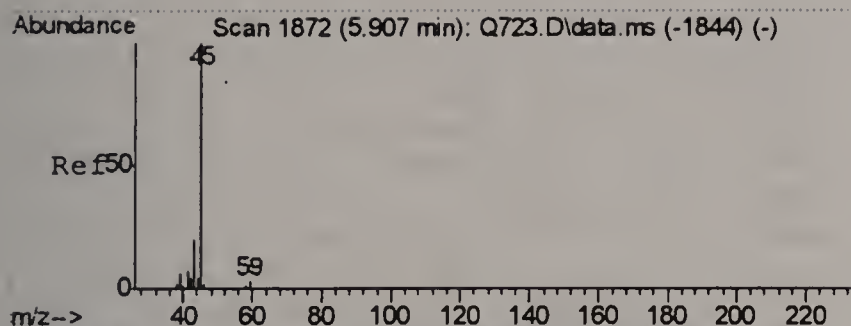


#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.28 PPBV
 RT: 5.822 min Scan# 1824
 Delta R.T. -0.048 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm



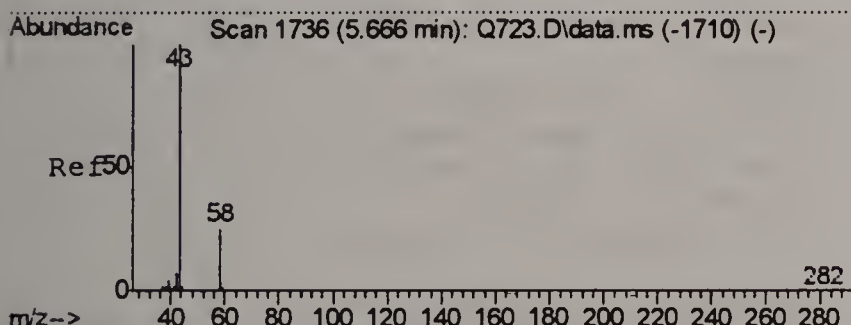
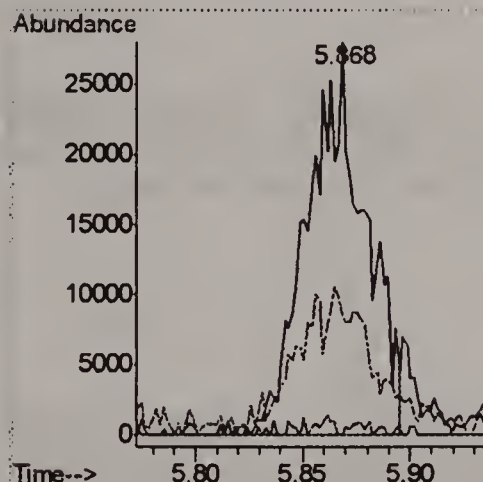
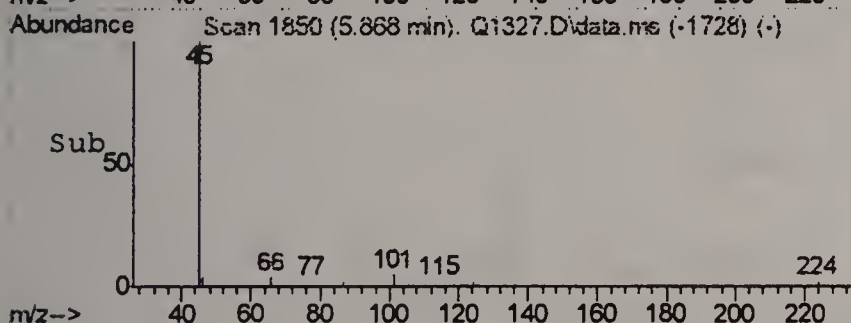
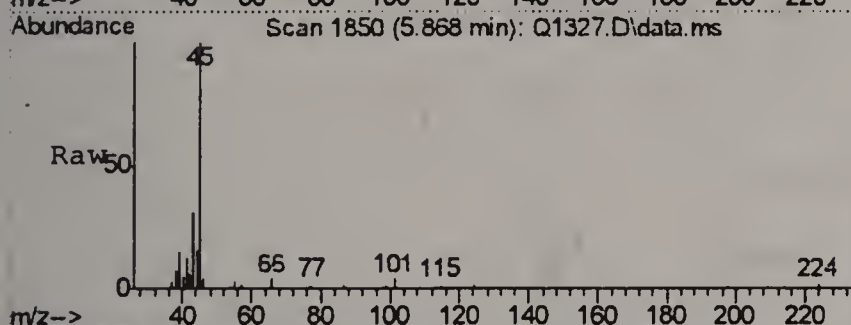
Tgt Ion: 101 Resp: 60164
 Ion Ratio Lower Upper
 101 100
 103 58.7 44.3 84.3
 105 5.1 0.0 30.4





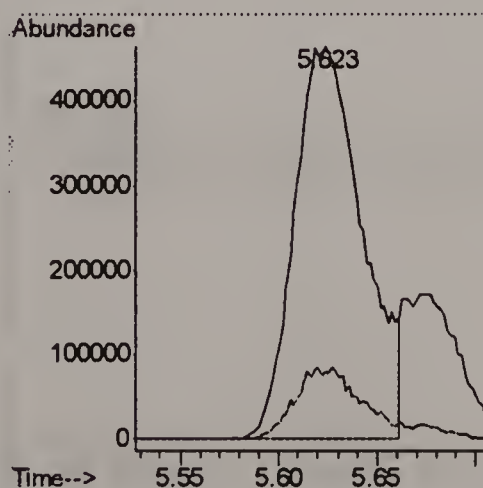
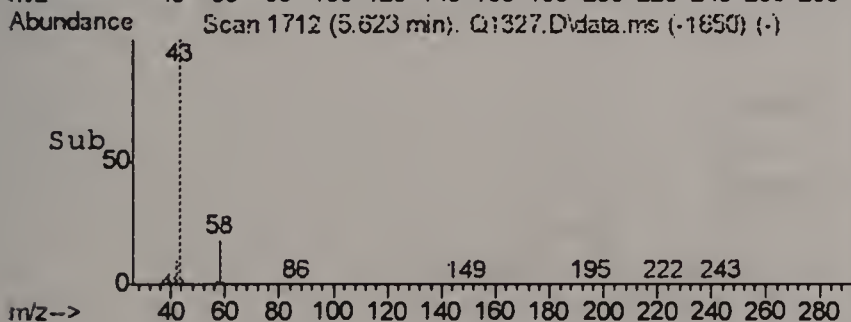
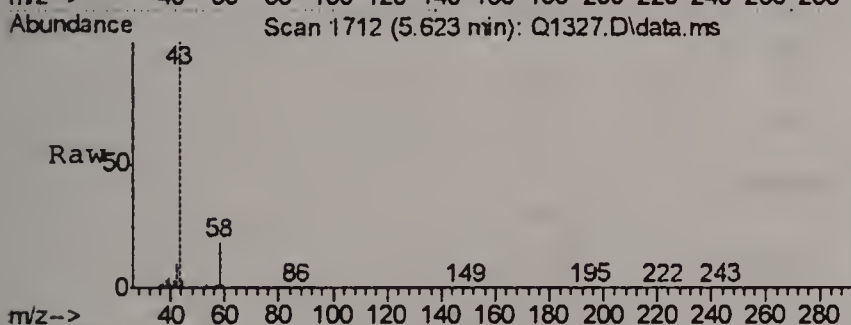
#11
ISOPROPYL ALCOHOL
Concen: 0.85 PPBV
RT: 5.868 min Scan# 1850
Delta R.T. -0.042 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

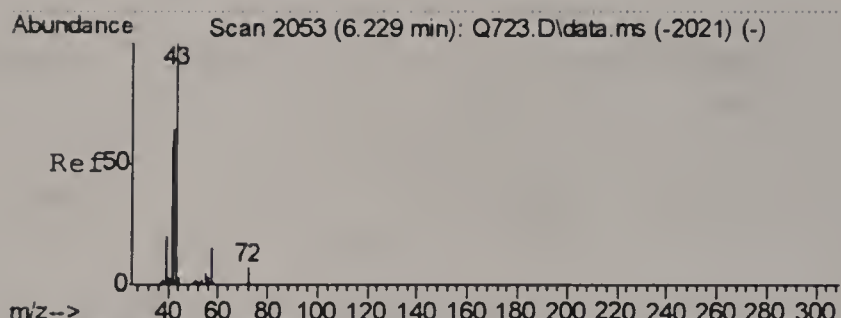
Tgt Ion	Ratio	Lower	Upper
45	100		
59	0.0	0.0	23.5
43	30.7	1.6	41.6



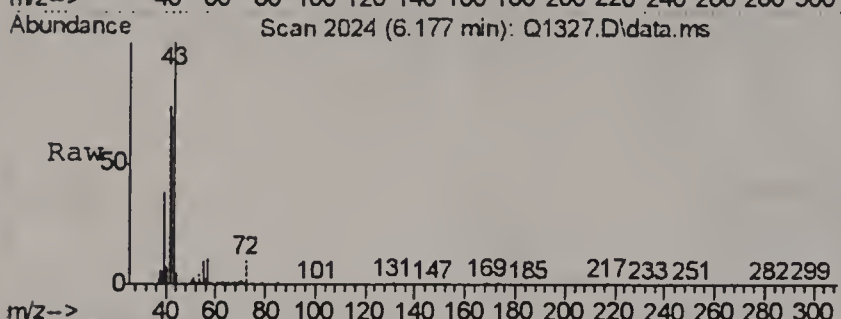
#12
ACETONE
Concen: 15.29 PPBV
RT: 5.623 min Scan# 1712
Delta R.T. -0.046 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	7.6	4.1	44.1

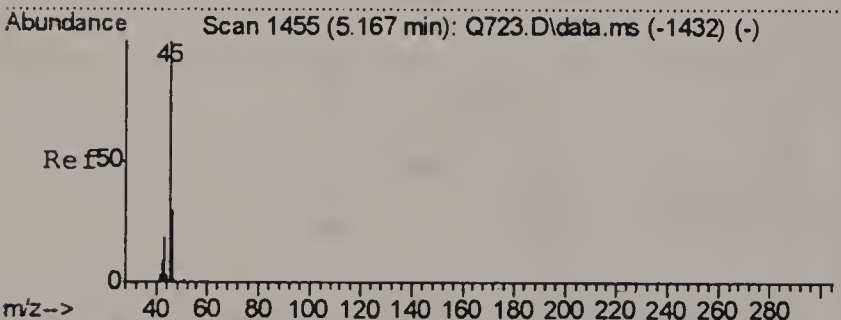
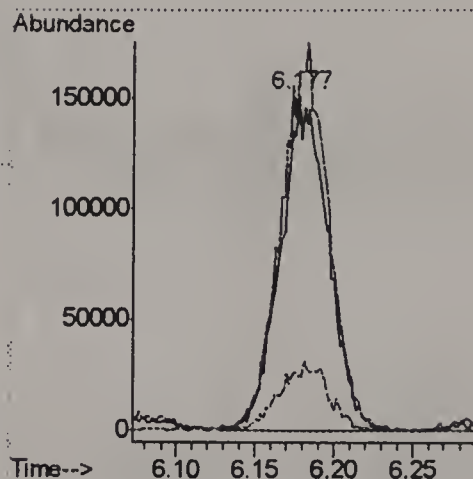
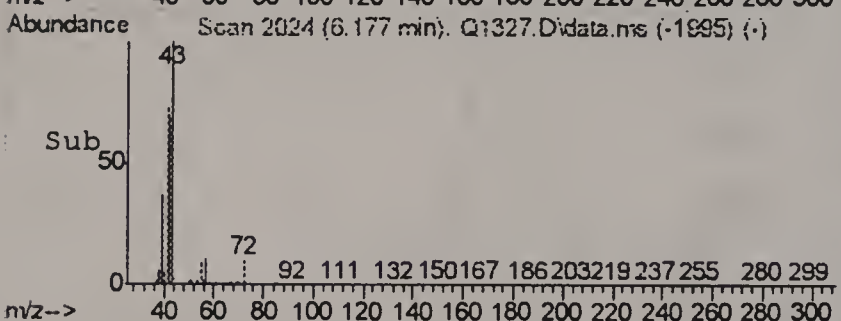




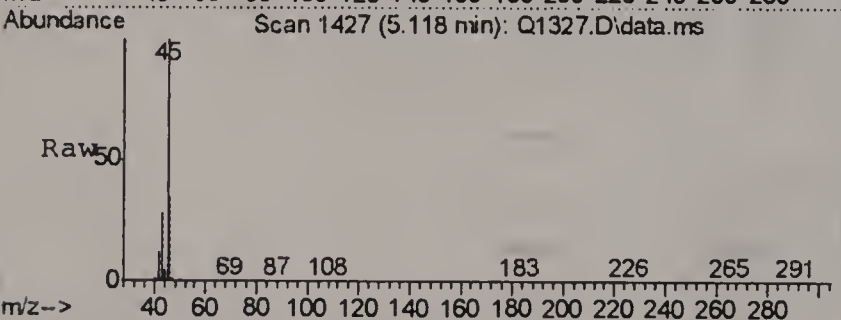
#13
PENTANE
Concen: 6.88 PPBV
RT: 6.177 min Scan# 2024
Delta R.T. -0.051 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm



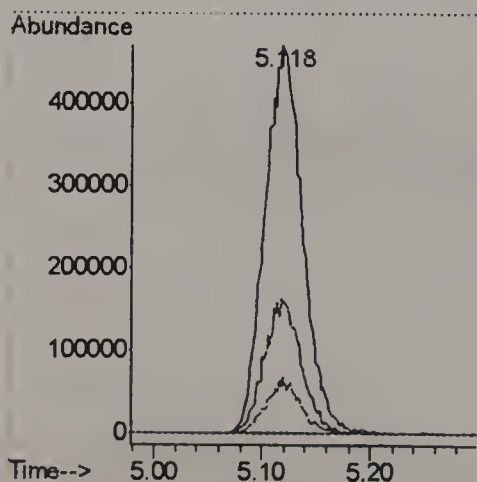
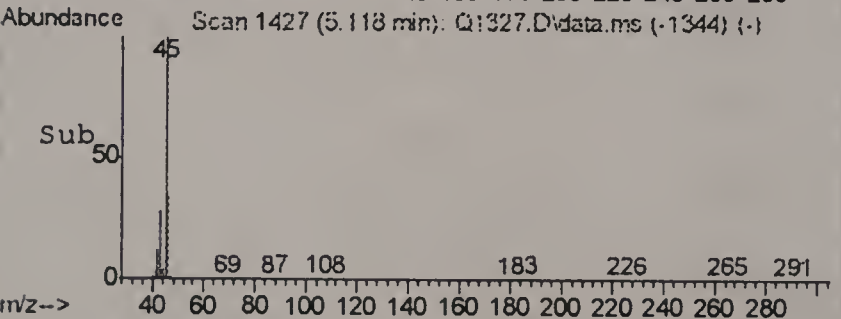
Tgt Ion: 42 Resp: 319368
Ion Ratio Lower Upper
42 100
41 114.2 72.2 112.2#
57 21.4 1.9 41.9

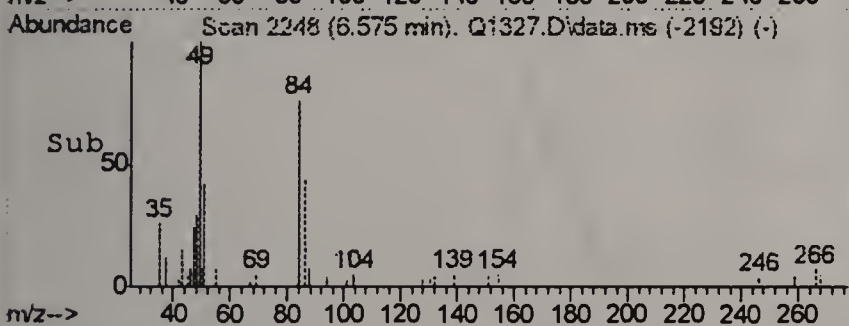
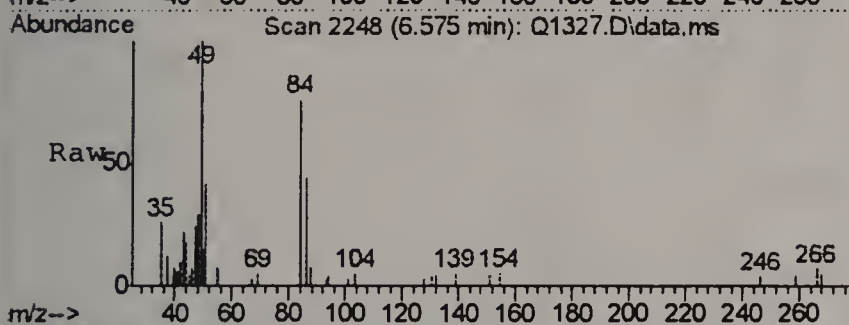
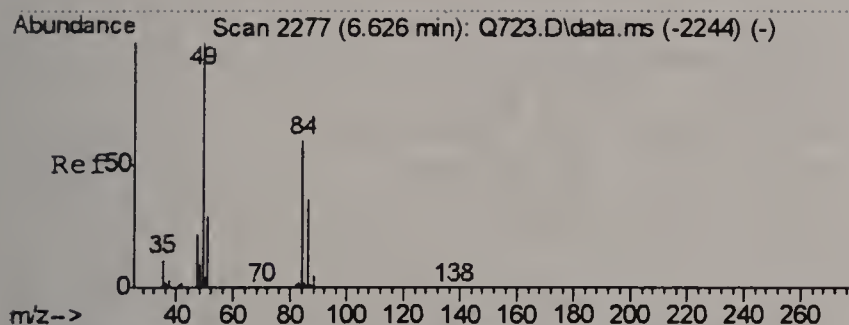


#16
ETHANOL
Concen: 73.08 PPBV
RT: 5.118 min Scan# 1427
Delta R.T. -0.058 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm



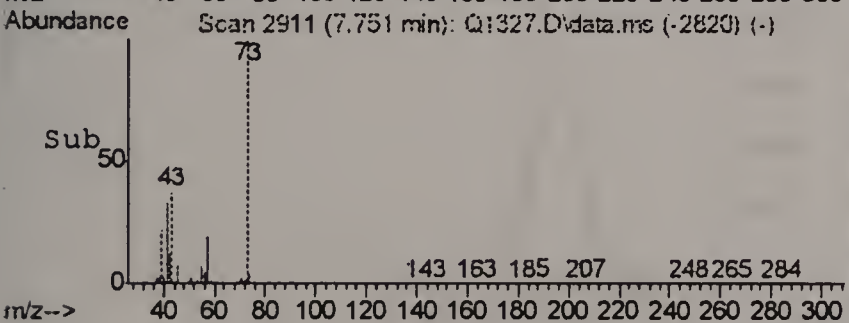
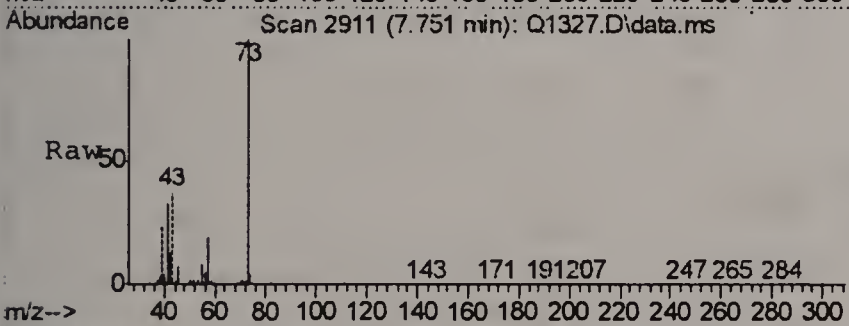
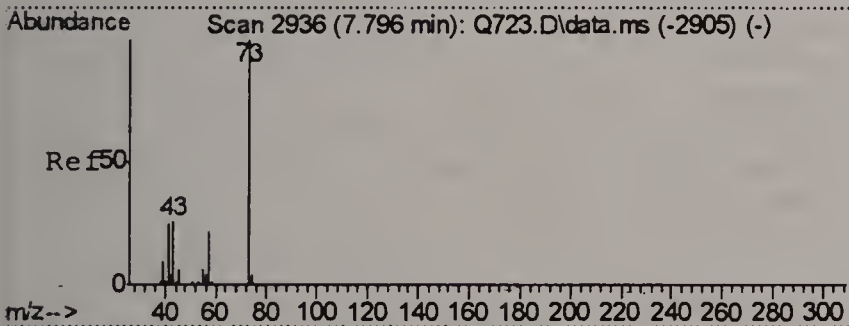
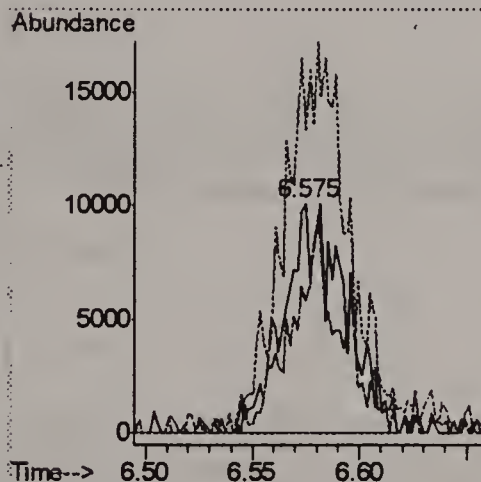
Tgt Ion: 45 Resp: 1151880
Ion Ratio Lower Upper
45 100
46 33.6 16.4 56.4
42 13.1 0.0 28.8





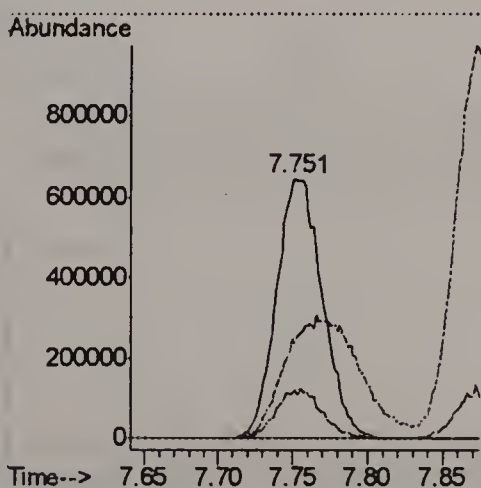
#18
 METHYLENE CHLORIDE
 Concen: 0.39 PPBV
 RT: 6.575 min Scan# 2248
 Delta R.T. -0.051 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

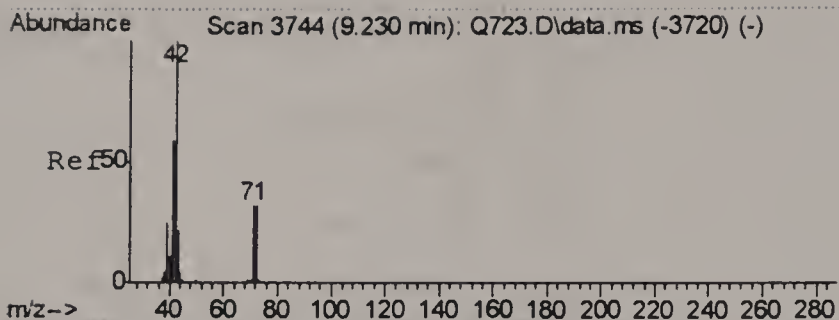
Tgt Ion	Ratio	Lower	Upper
84	100		
86	69.6	44.6	84.6
49	179.3	0.7	400.7



#23
 METHYL TERTIARY BUTYL ETHER
 Concen: 11.91 PPBV
 RT: 7.751 min Scan# 2911
 Delta R.T. -0.044 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

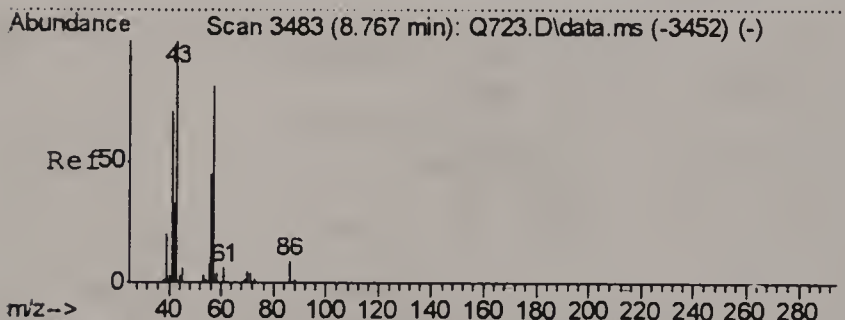
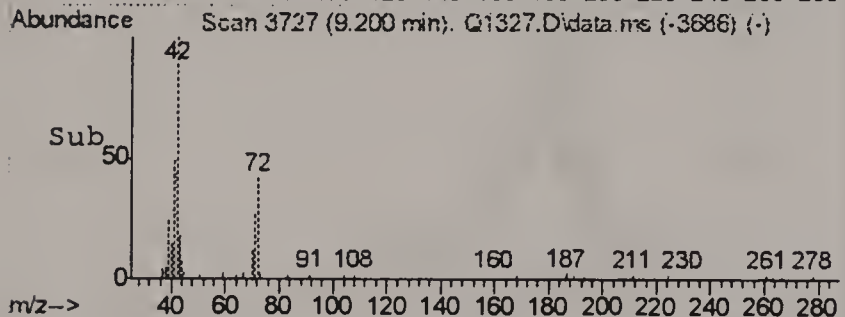
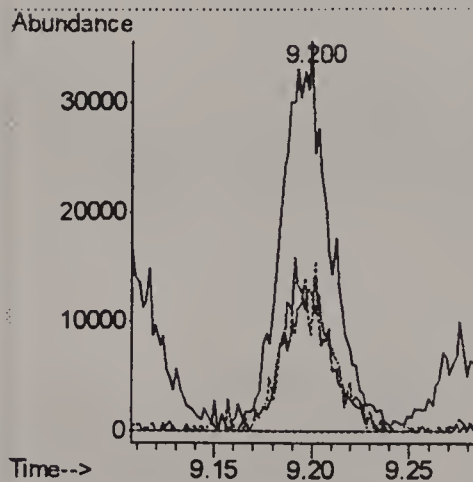
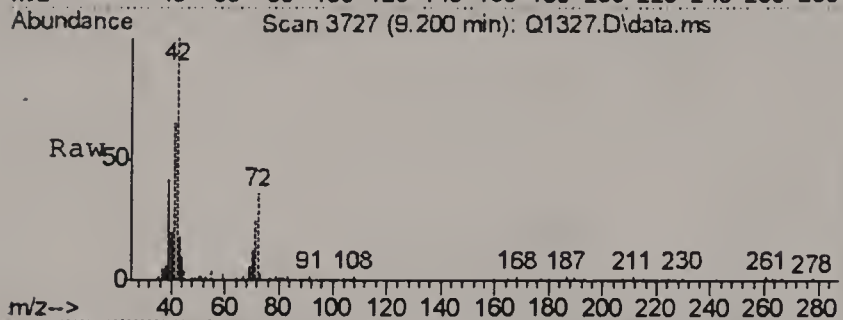
Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.1	4.1	44.1
43	76.2	9.0	49.0#





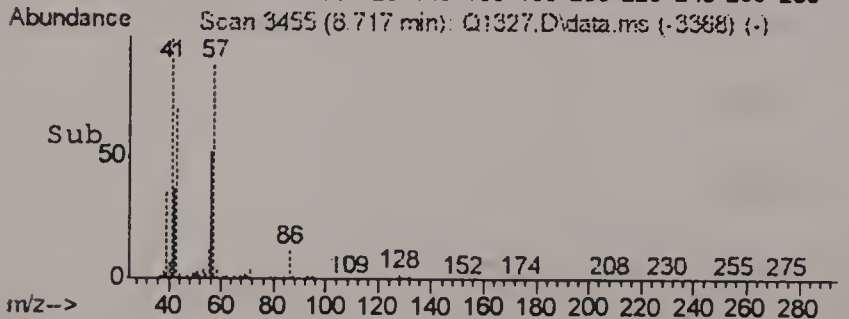
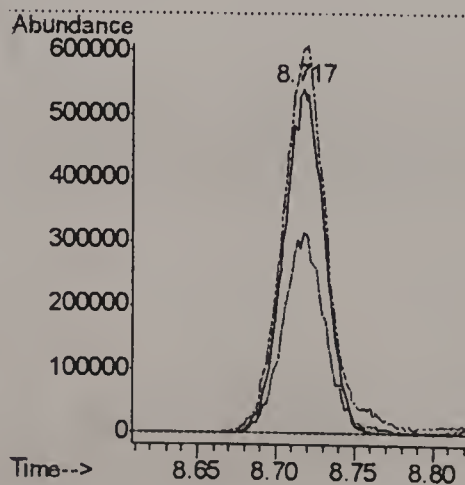
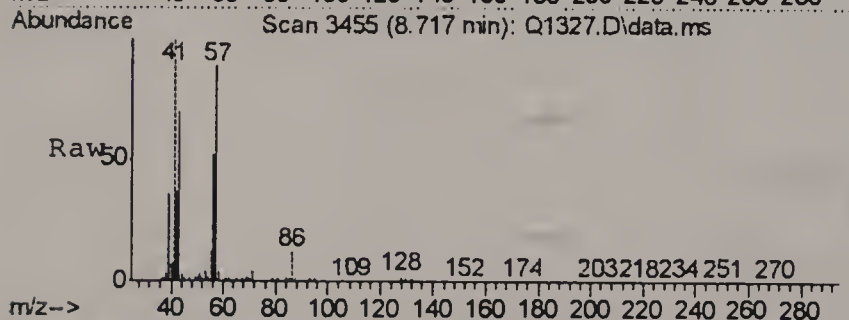
#24
TETRAHYDROFURAN
Concen: 2.31 PPBV
RT: 9.200 min Scan# 3727
Delta R.T. -0.030 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

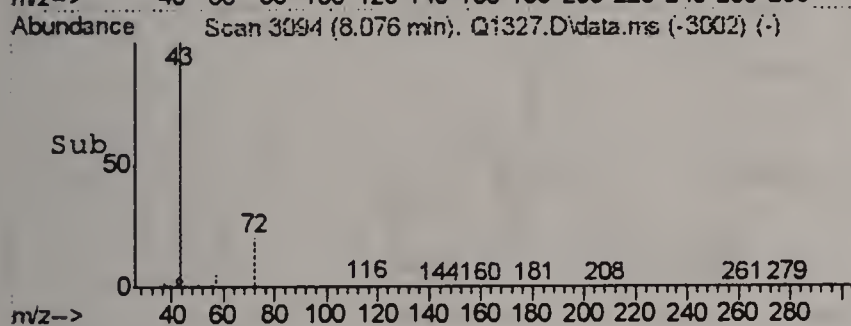
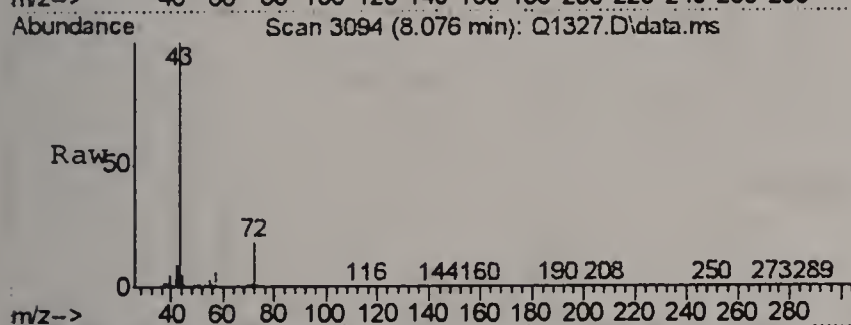
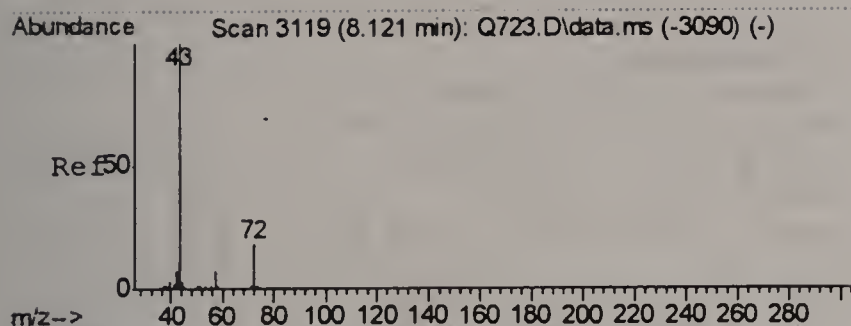
Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.0	9.7	49.7
71	12.2	8.6	48.6



#25
HEXANE
Concen: 13.32 PPBV
RT: 8.717 min Scan# 3455
Delta R.T. -0.051 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

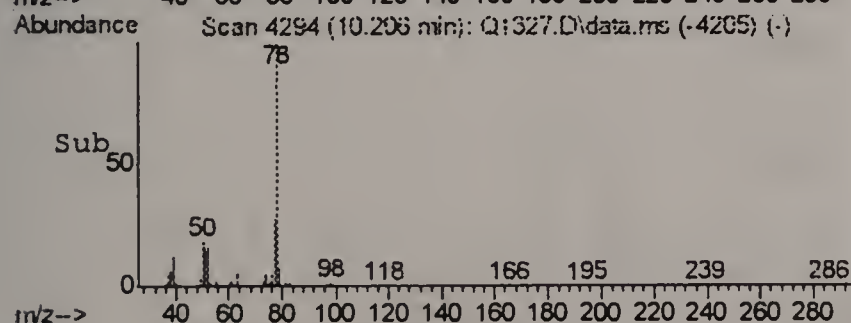
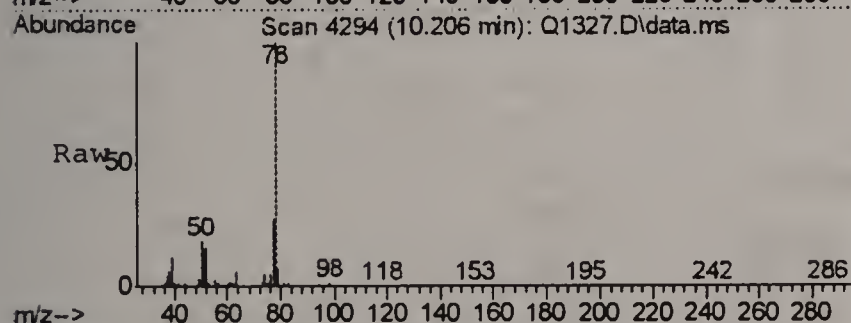
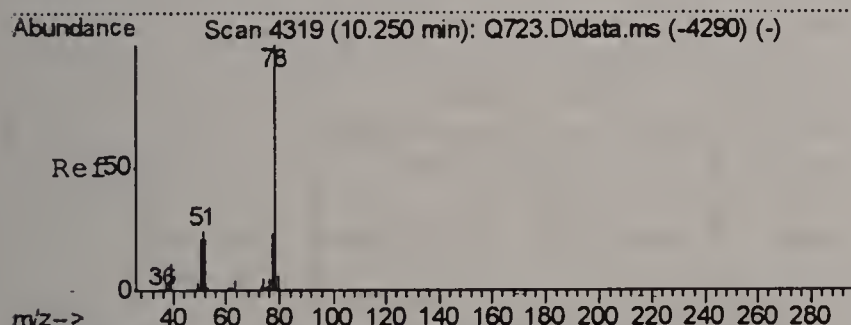
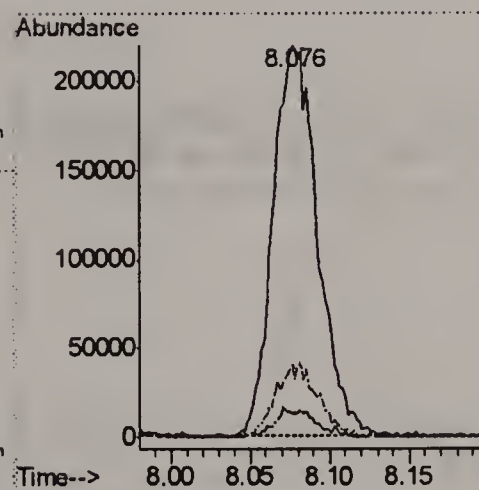
Tgt Ion	Ratio	Lower	Upper
57	100		
56	60.4	35.6	75.6
41	122.3	71.4	111.4#





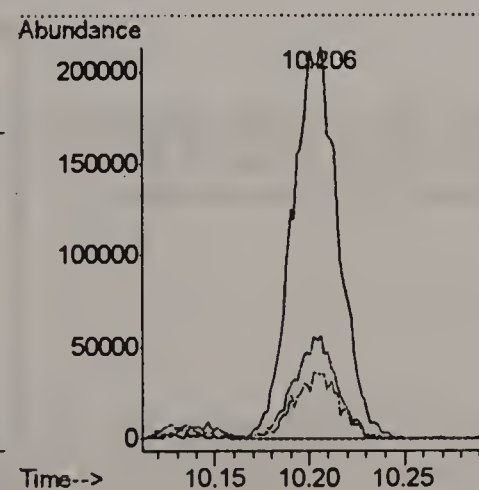
#28
METHYL ETHYL KETONE
Concen: 4.60 PPBV
RT: 8.076 min Scan# 3094
Delta R.T. -0.043 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

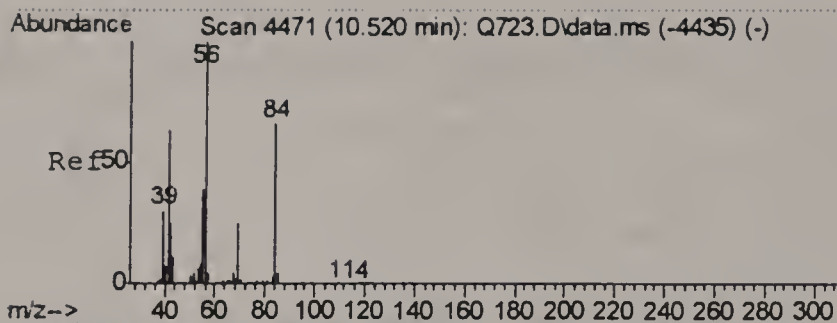
Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.9	0.0	26.7
72	18.4	0.0	36.0



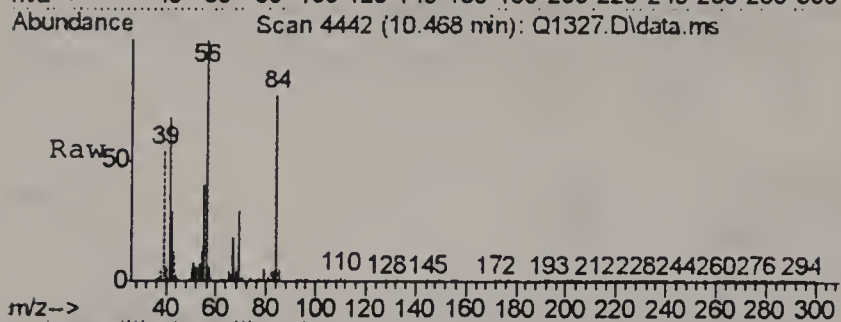
#36
BENZENE
Concen: 3.54 PPBV
RT: 10.206 min Scan# 4294
Delta R.T. -0.048 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	3.4	43.4
52	16.9	2.0	42.0

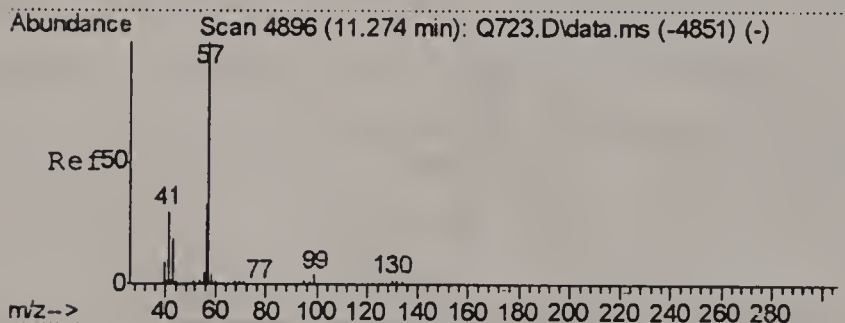
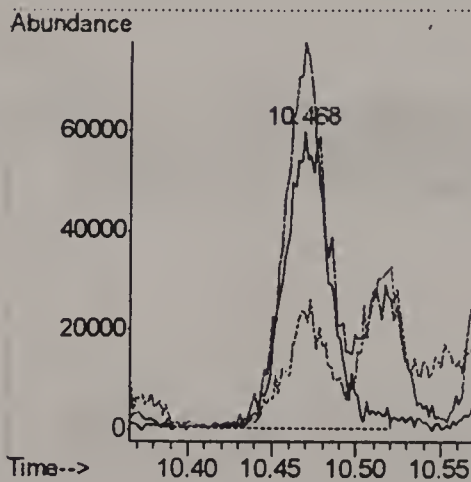
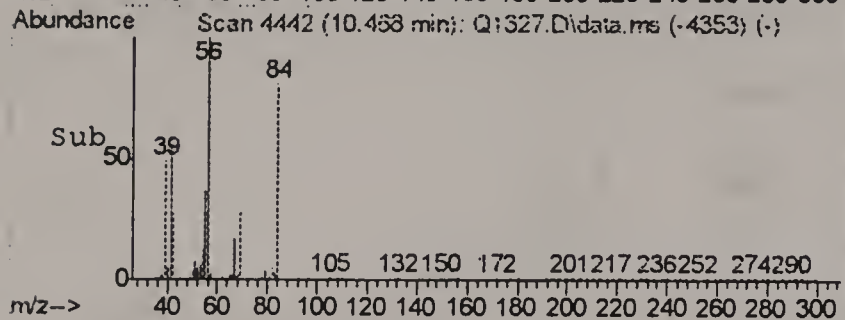




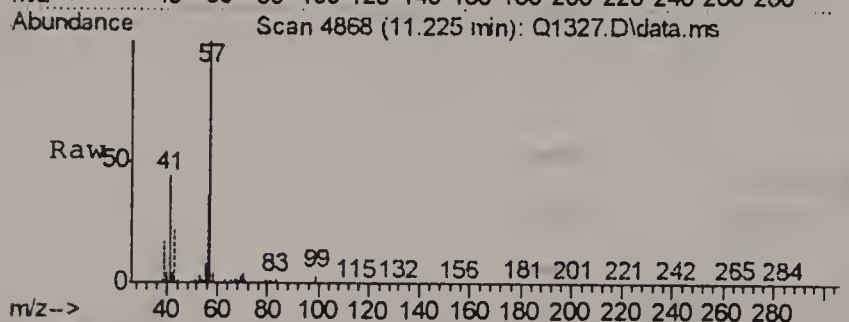
#37
CYCLOHEXANE
Concen: 2.30 PPBV
RT: 10.468 min Scan# 4442
Delta R.T. -0.048 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm



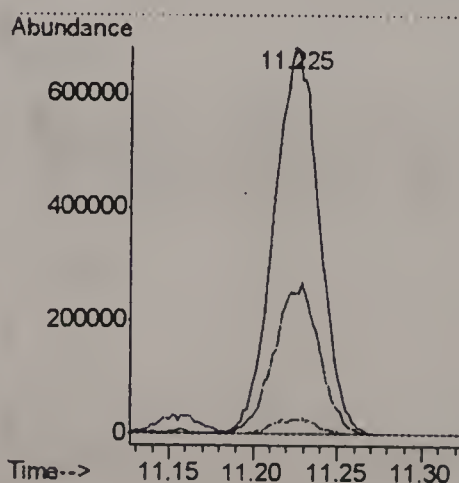
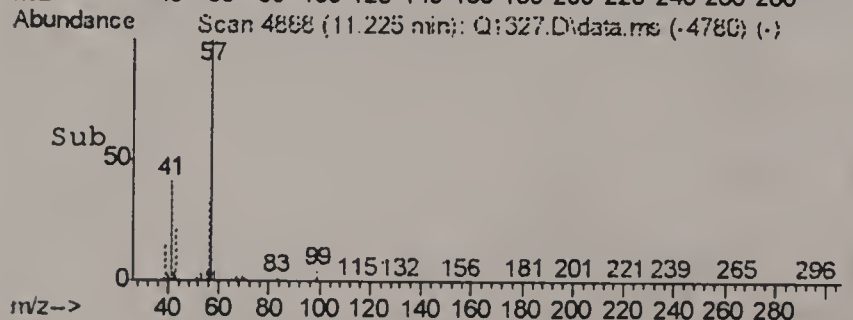
Tgt Ion: 84 Resp: 110326
Ion Ratio Lower Upper
84 100
56 122.2 153.9 193.9#
69 36.4 21.3 61.3

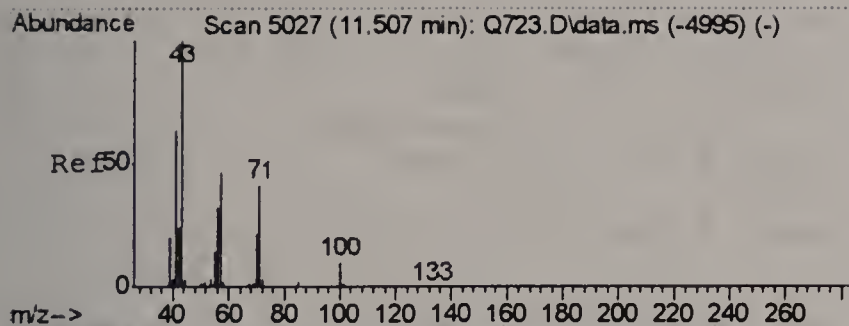


#41
2,2,4-TRIMETHYLPENTANE
Concen: 6.57 PPBV
RT: 11.225 min Scan# 4868
Delta R.T. -0.050 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm



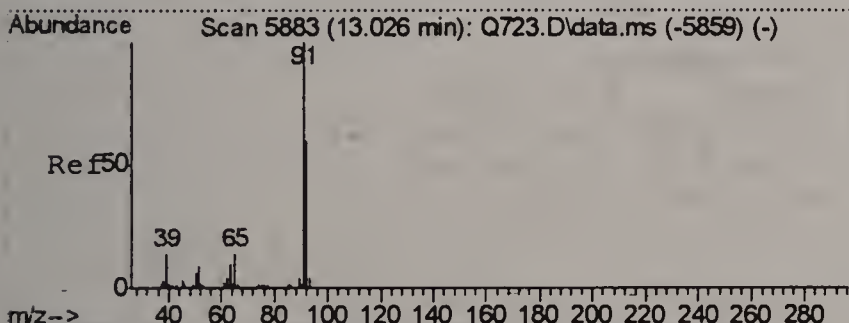
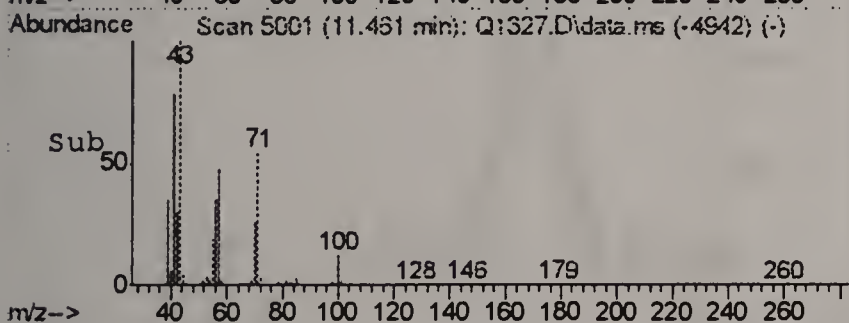
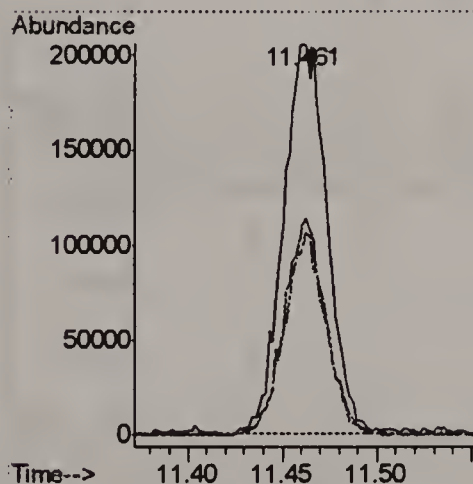
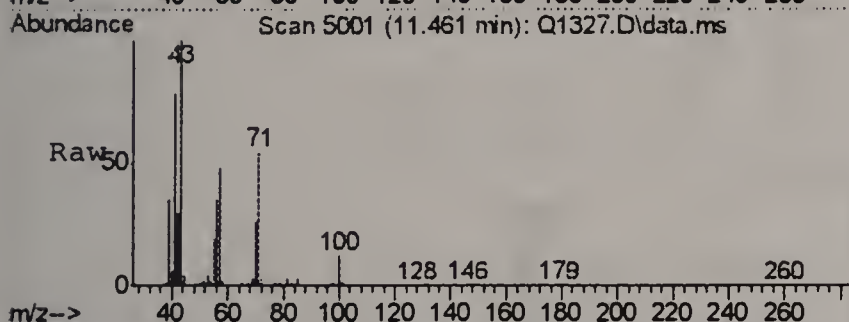
Tgt Ion: 57 Resp: 1255827
Ion Ratio Lower Upper
57 100
56 39.3 13.3 53.3
99 4.2 0.0 22.9





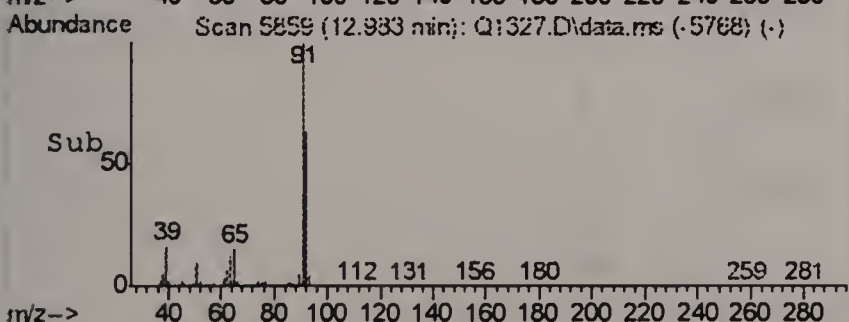
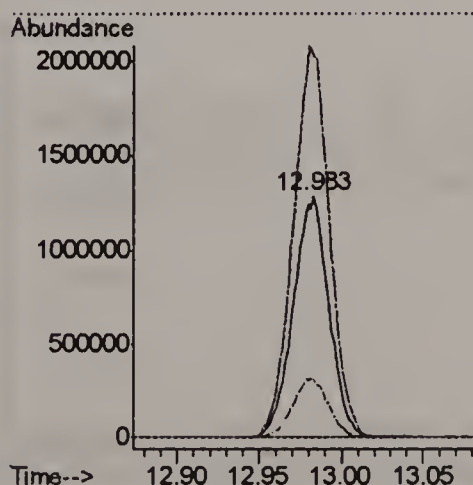
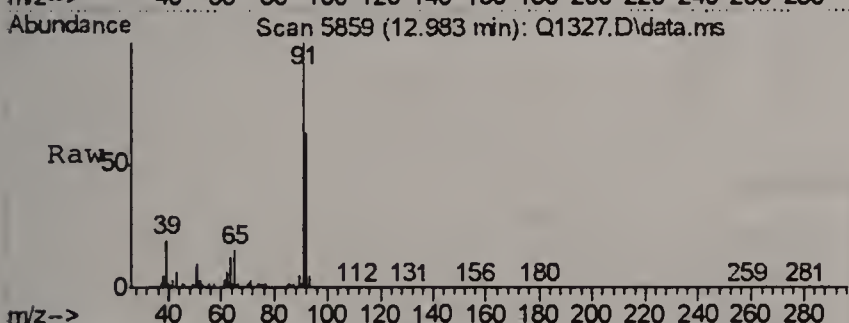
#43
HEPTANE
Concen: 5.31 PPBV
RT: 11.461 min Scan# 5001
Delta R.T. -0.050 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

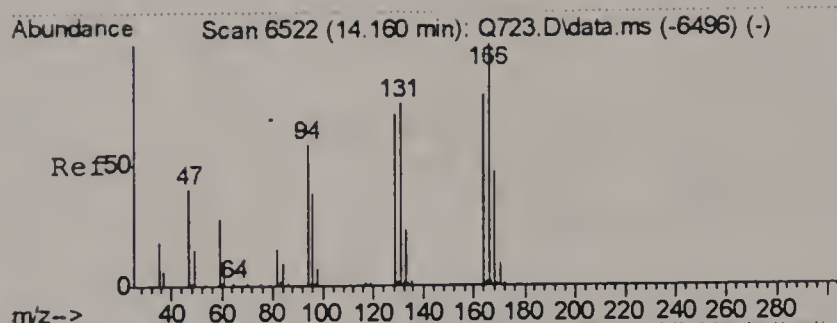
Tgt Ion	Ratio	Lower	Upper
43	100		
71	52.2	18.5	58.5
57	49.2	24.6	64.6



#46
TOLUENE
Concen: 33.95 PPBV
RT: 12.983 min Scan# 5859
Delta R.T. -0.044 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

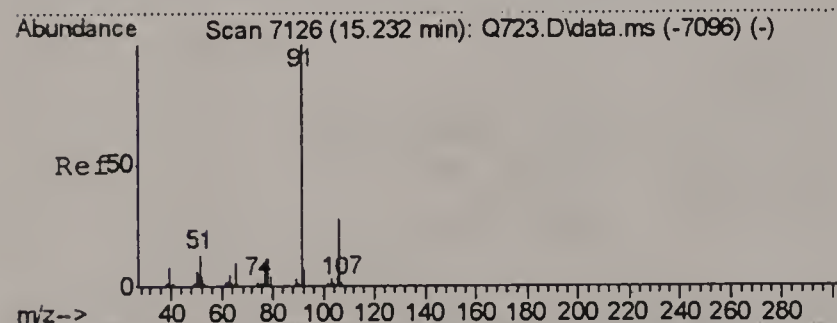
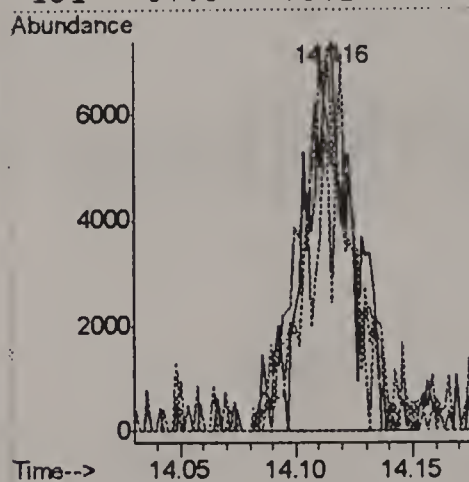
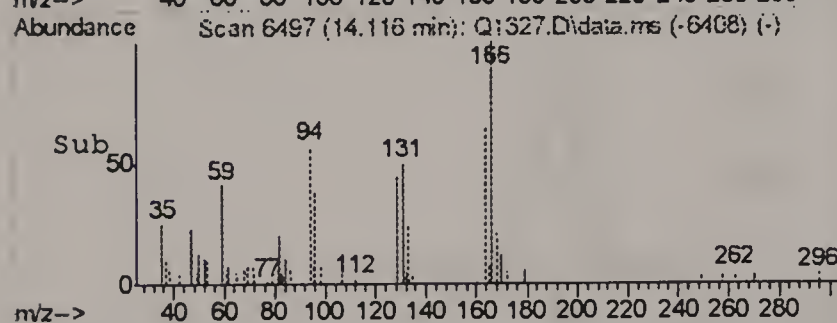
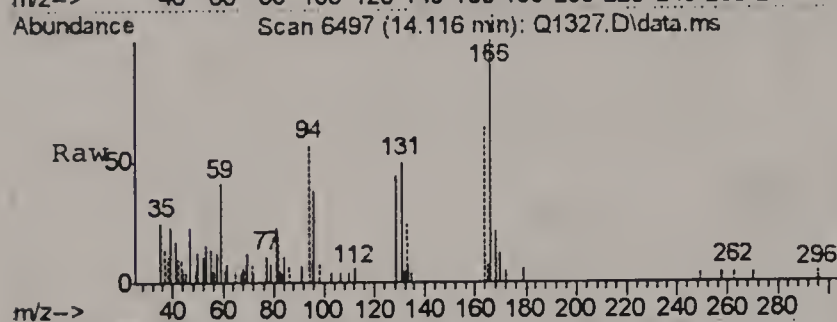
Tgt Ion	Ratio	Lower	Upper
92	100		
91	164.5	149.4	189.4
65	25.0	3.6	43.6





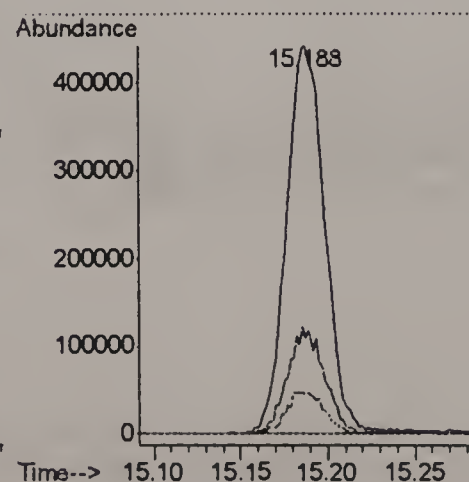
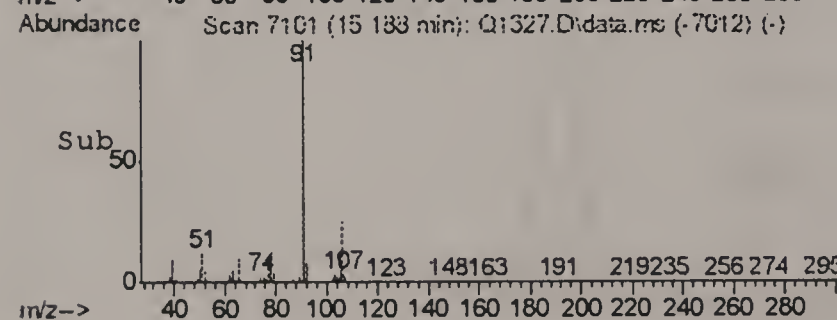
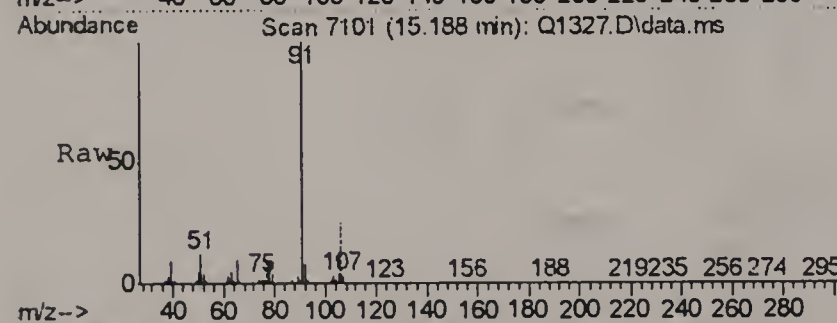
#51
TETRACHLOROETHYLENE
Concen: 0.23 PPBV
RT: 14.116 min Scan# 6497
Delta R.T. -0.047 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

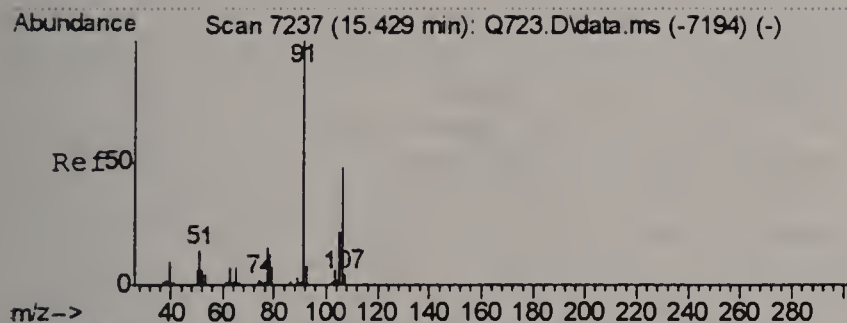
Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.5	75.5	115.5
168	71.7	42.7	82.7
131	87.5	75.2	115.2



#55
ETHYLBENZENE
Concen: 5.59 PPBV
RT: 15.188 min Scan# 7101
Delta R.T. -0.048 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

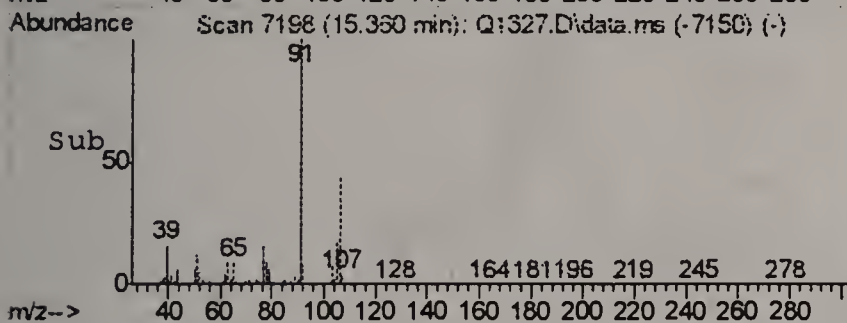
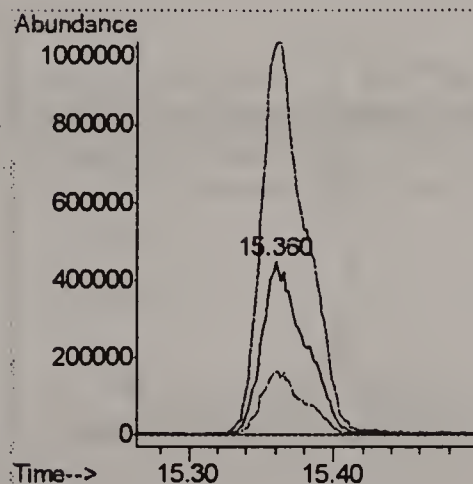
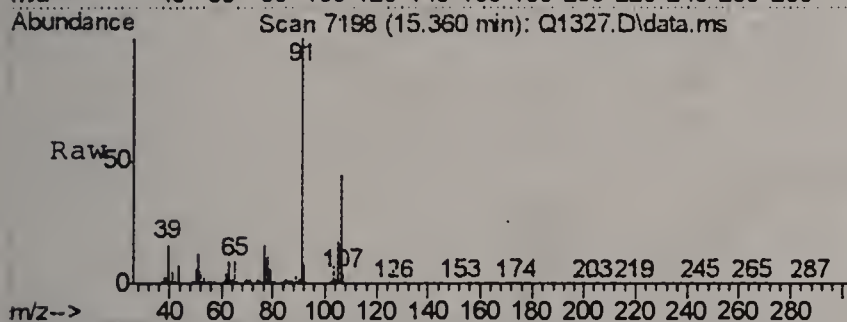
Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.6	7.4	47.4
77	11.3	0.0	29.5





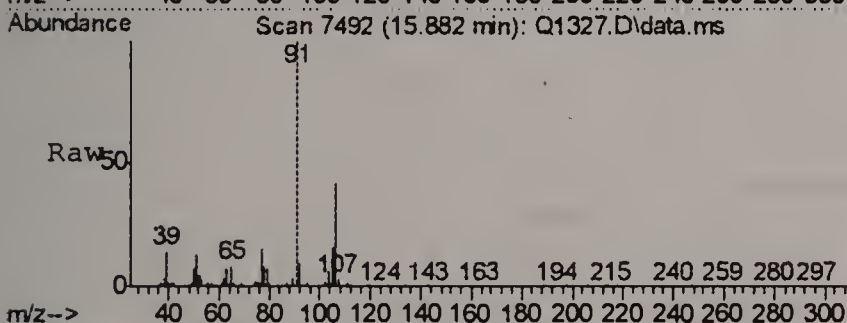
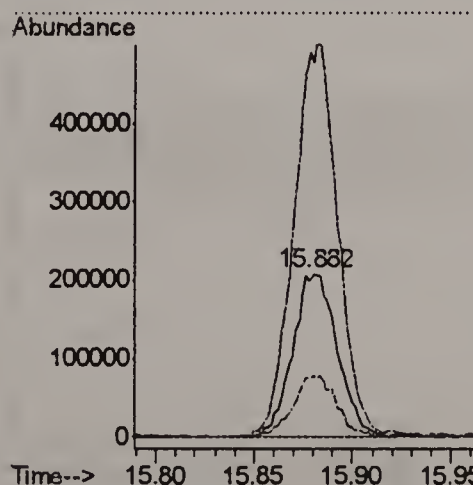
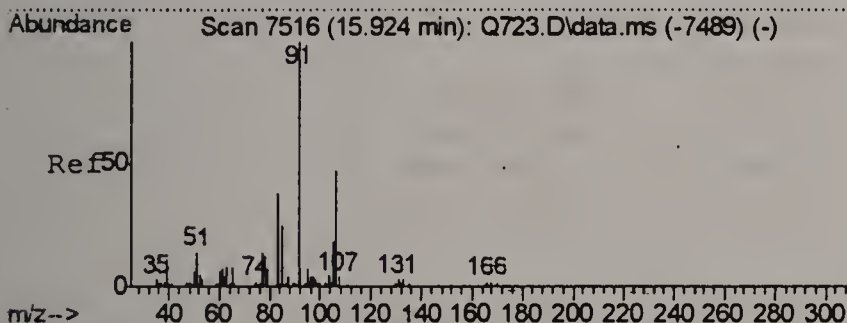
#56
m,p-XYLENE
Concen: 20.74 PPBV
RT: 15.360 min Scan# 7198
Delta R.T. -0.069 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

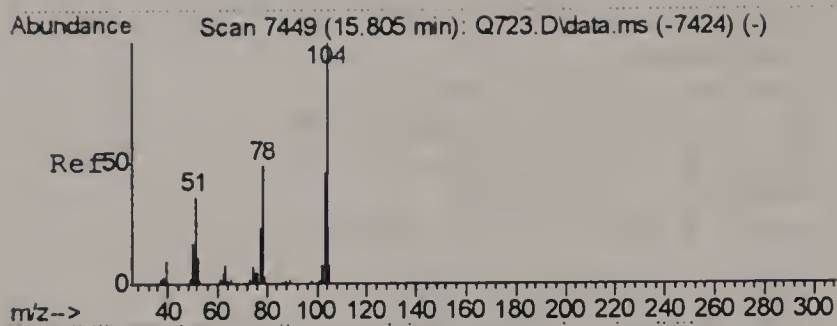
Tgt Ion	Ratio	Lower	Upper
106	100		
91	225.3	182.7	274.1
77	36.7	25.4	38.2



#57
o-XYLENE
Concen: 7.28 PPBV
RT: 15.882 min Scan# 7492
Delta R.T. -0.047 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

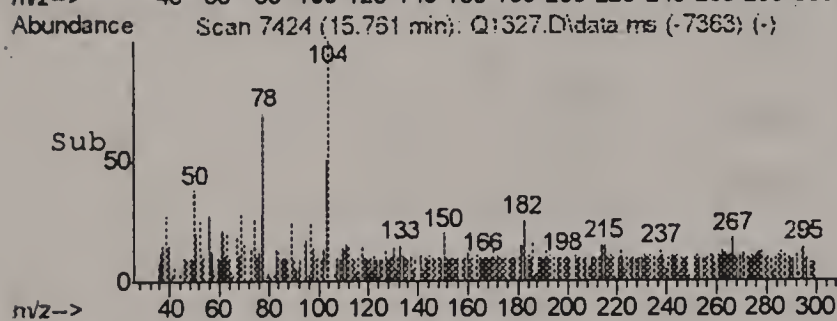
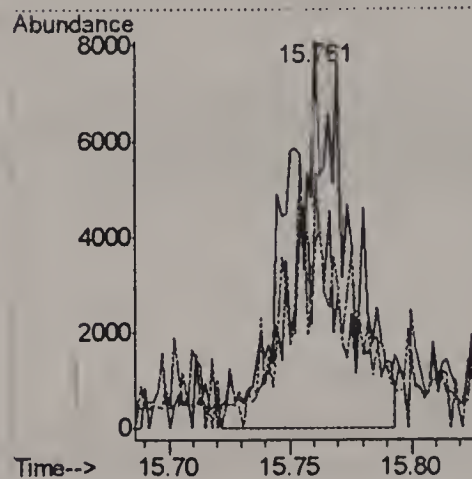
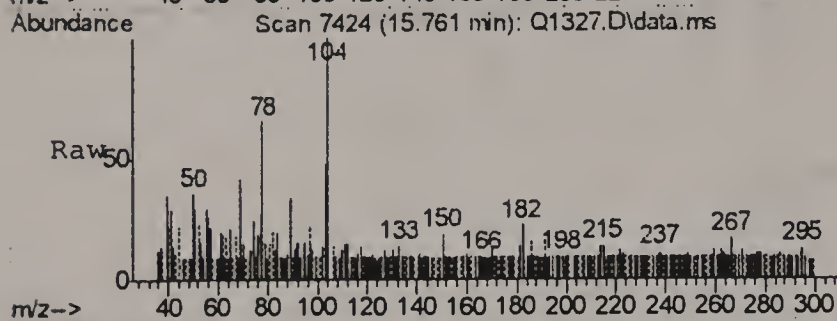
Tgt Ion	Ratio	Lower	Upper
106	100		
91	236.6	218.9	258.9
77	36.4	12.8	52.8





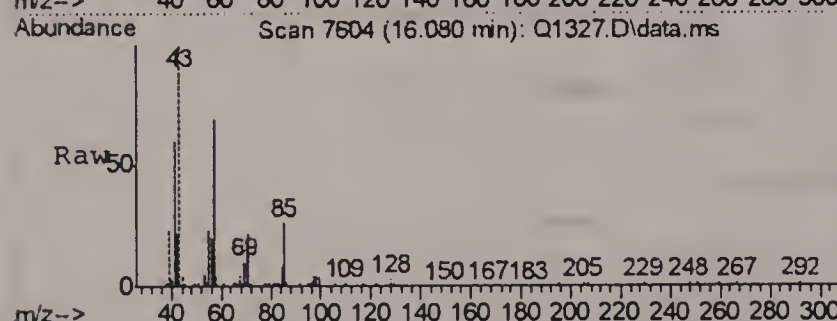
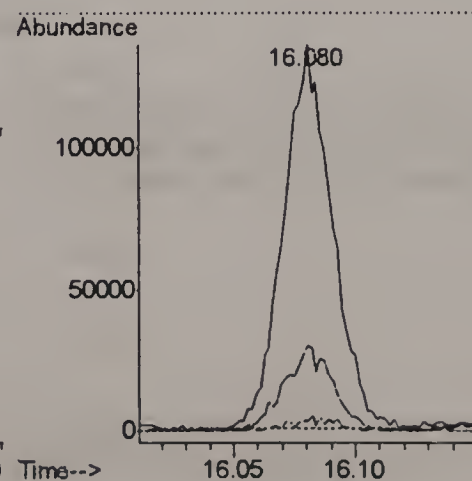
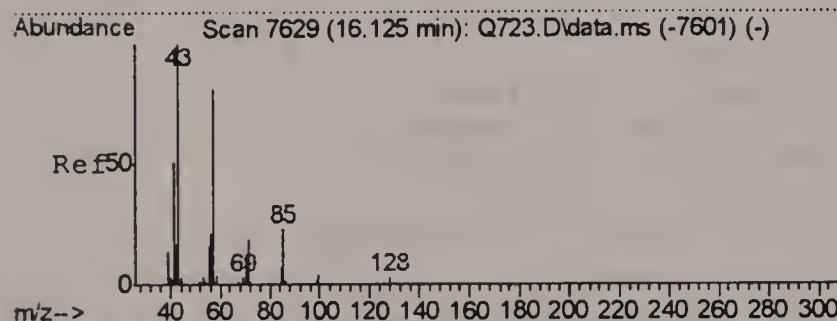
#58
 STYRENE
 Concen: 0.26 PPBV
 RT: 15.761 min Scan# 7424
 Delta R.T. -0.046 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

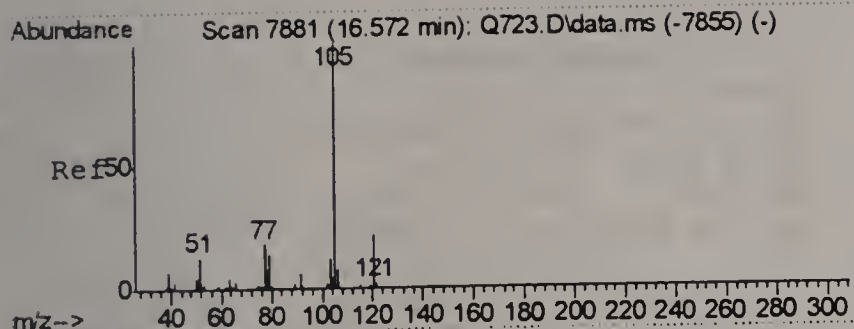
Tgt Ion	Ratio	Lower	Upper
104	100		
78	31.7	31.2	71.2
103	26.1	26.1	66.1#



#59
 NONANE
 Concen: 1.88 PPBV
 RT: 16.080 min Scan# 7604
 Delta R.T. -0.046 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

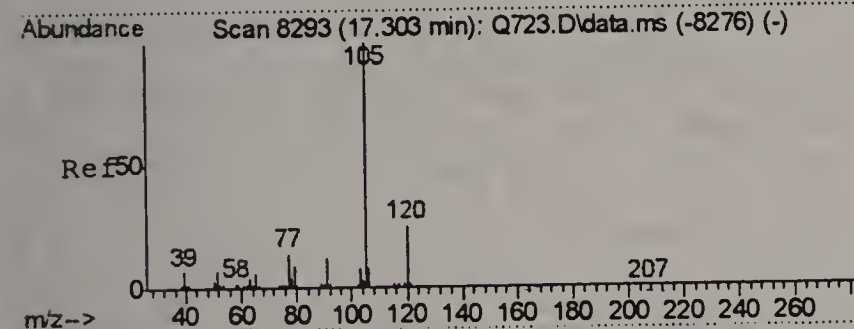
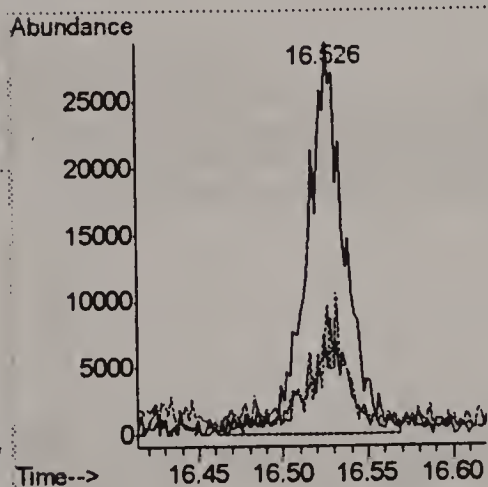
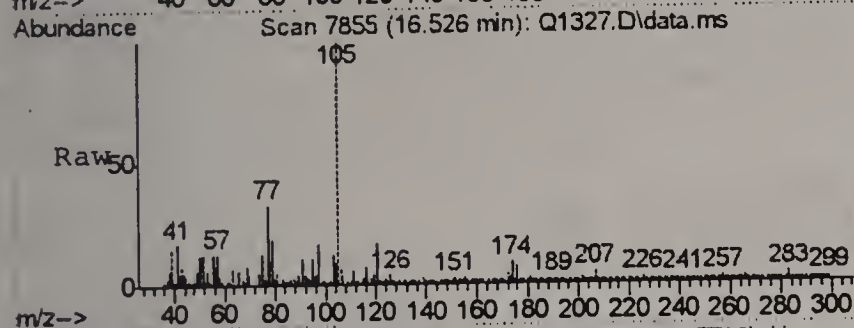
Tgt Ion	Ratio	Lower	Upper
43	100		
71	23.2	0.0	36.4
128	3.6	0.0	22.4





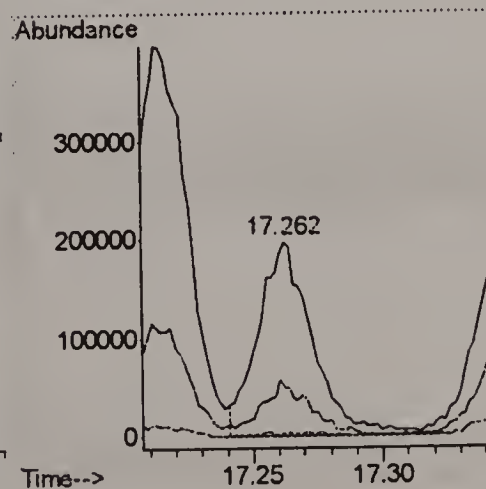
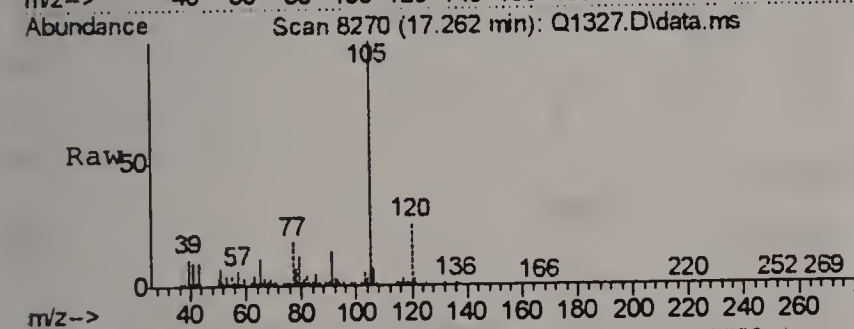
#63
ISOPROPYLBENZENE
Concen: 0.32 PPBV
RT: 16.526 min Scan# 7855
Delta R.T. -0.045 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

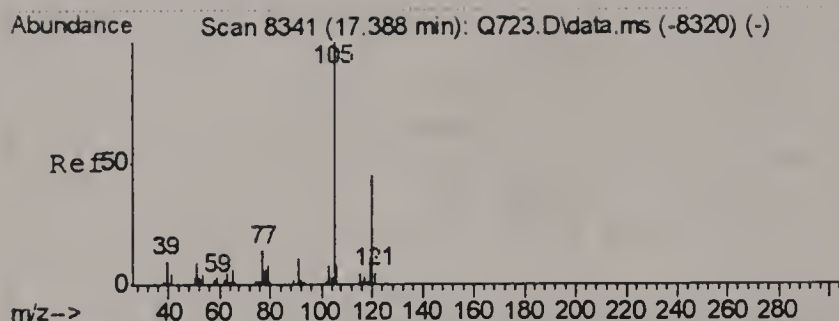
Tgt Ion:105	Resp:	45734
Ion Ratio	Lower	Upper
105	100	
120	28.3	3.8 43.8
77	25.3	0.0 38.9



#65
4-ETHYLTOLUENE
Concen: 3.06 PPBV
RT: 17.262 min Scan# 8270
Delta R.T. -0.042 min
Lab File: Q1327.D
Acq: 8 Aug 2006 12:15 pm

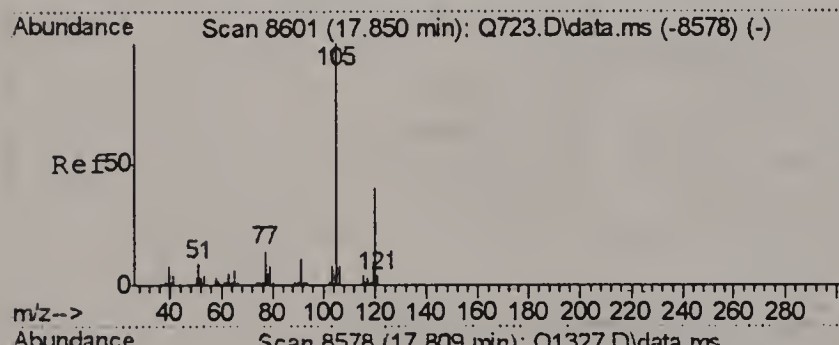
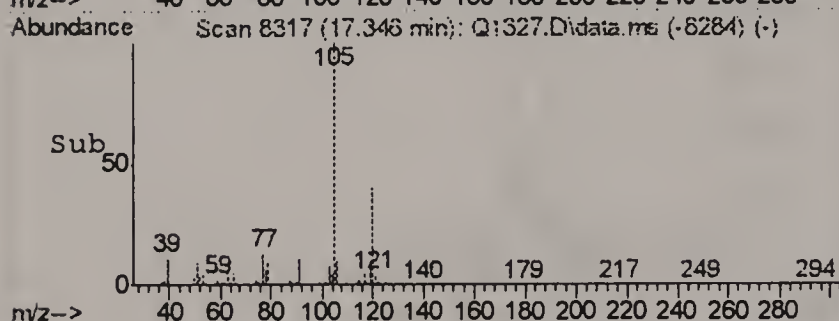
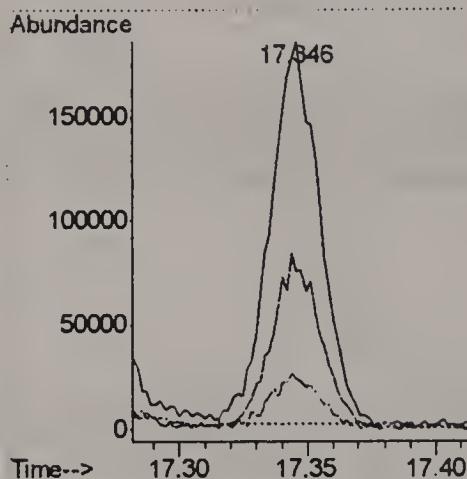
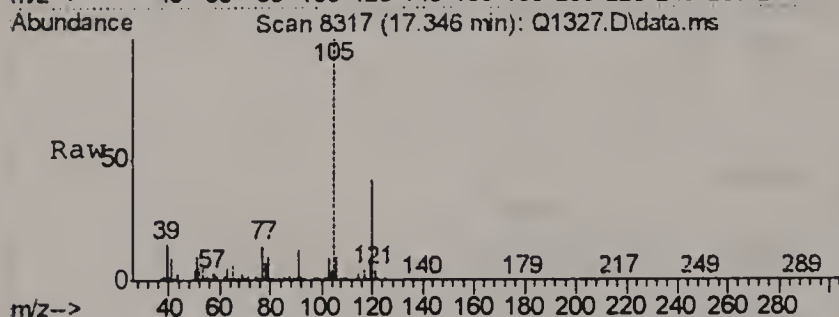
Tgt Ion:105	Resp:	284489
Ion Ratio	Lower	Upper
105	100	
120	24.6	7.8 47.8
119	0.8	0.0 21.9





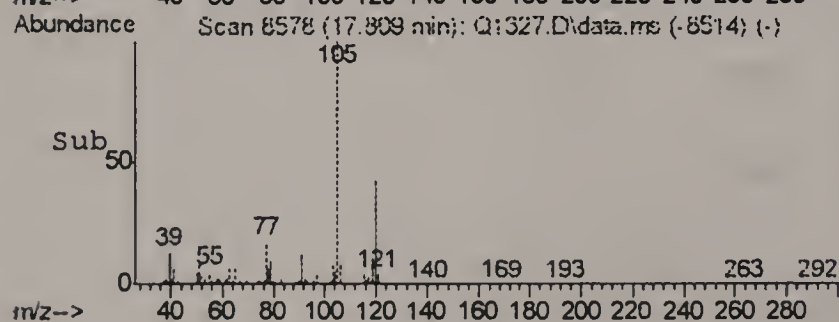
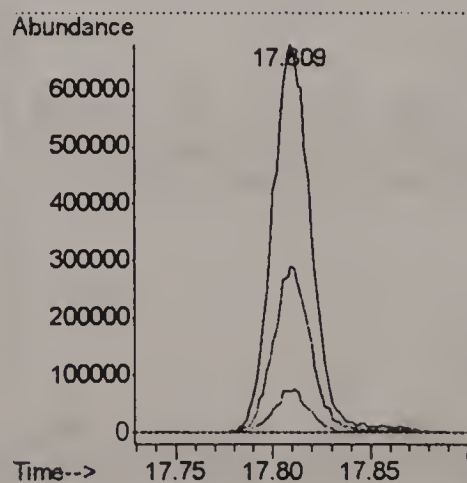
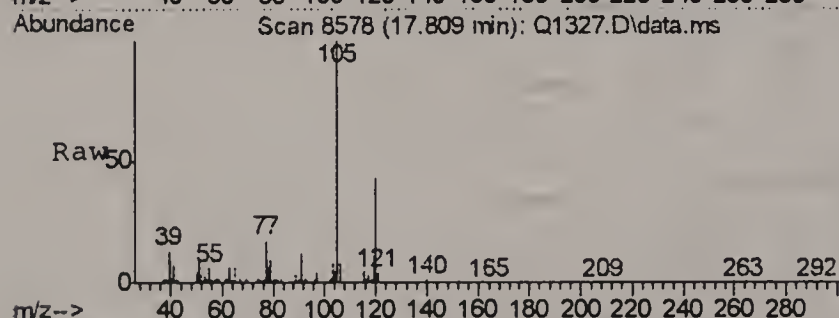
#66
 1,3,5-TRIMETHYLBENZENE
 Concen: 2.18 PPBV
 RT: 17.346 min Scan# 8317
 Delta R.T. -0.044 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	24.5	64.5
91	14.8	0.0	32.1



#67
 1,2,4-TRIMETHYLBENZENE
 Concen: 8.47 PPBV
 RT: 17.809 min Scan# 8578
 Delta R.T. -0.042 min
 Lab File: Q1327.D
 Acq: 8 Aug 2006 12:15 pm

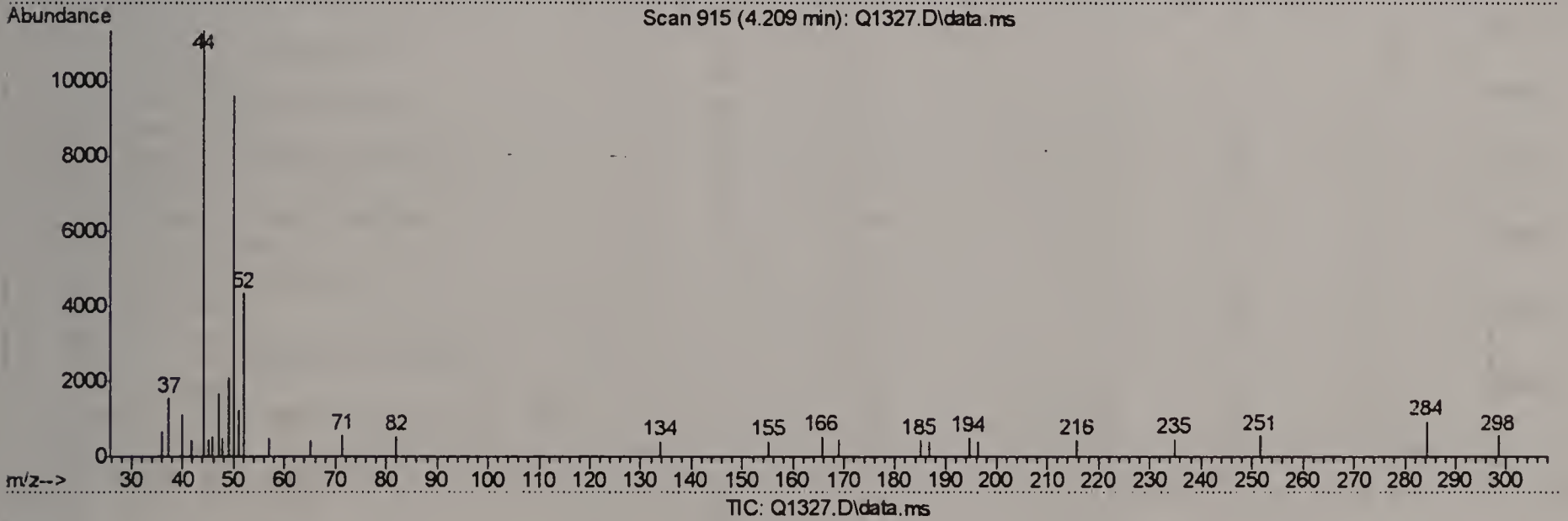
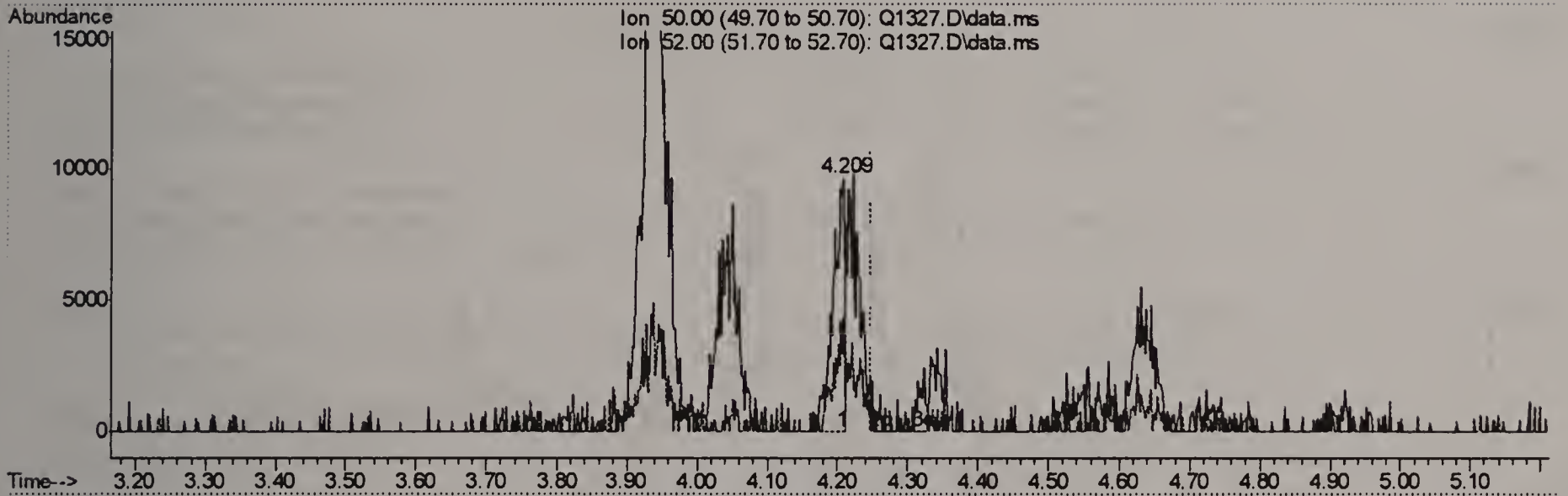
Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.7	62.7
119	10.8	0.0	30.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1327.D
 Acq On : 8 Aug 2006 12:15 pm
 Operator : PhilipB
 Sample : M58364-2 (M093)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 08 13:20:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.209min (-0.040) 0.27PPBV

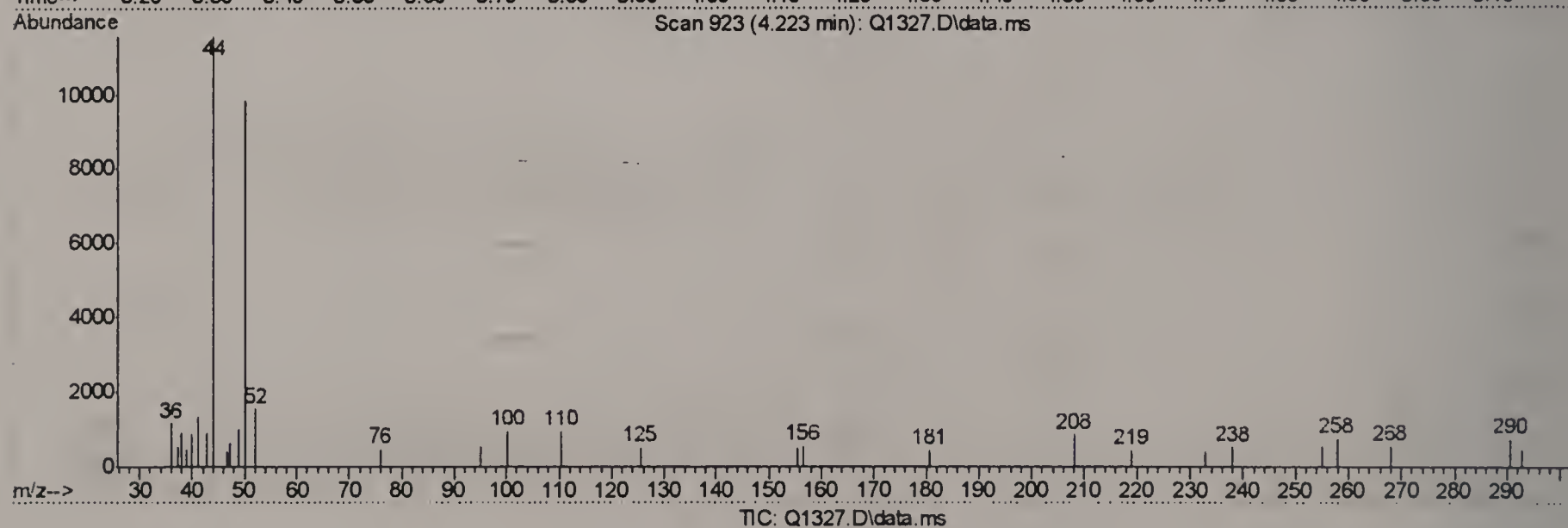
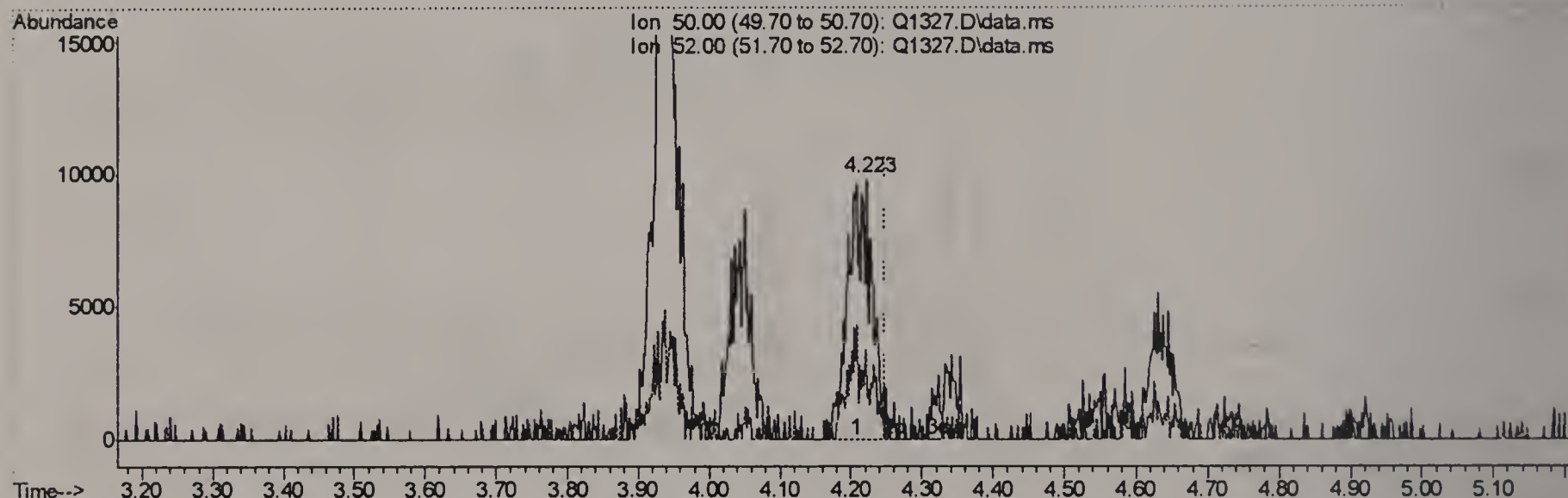
response 12144

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	51.32#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1327.D
 Acq On : 8 Aug 2006 12:15 pm
 Operator : PhilipB
 Sample : M58364-2 (M093)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 08 13:20:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



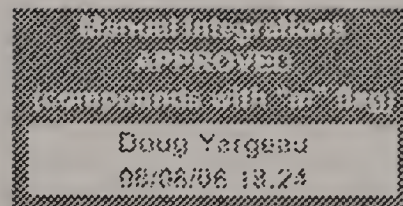
(5) CHLOROMETHANE (m)

4.223min (-0.026) 0.52PPBV m

response 23794

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	15.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:42:59 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.687	128	528053	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.517	114	1293540	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	783027	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	158546m	4.04	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	80.80%

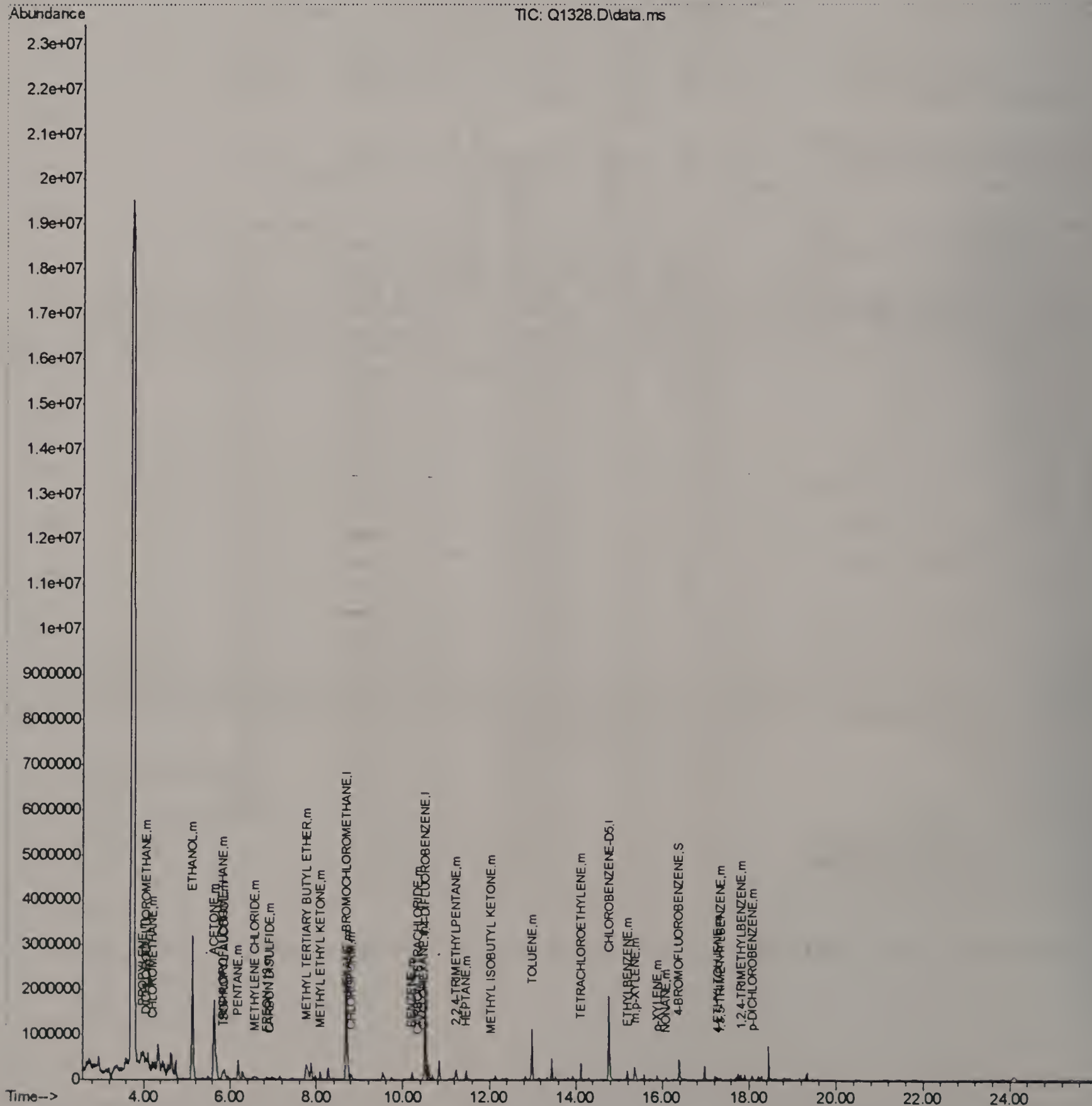
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.046	85	152735	0.69	PPBV	95
3) PROPYLENE	3.982	41	207613	5.87	PPBV #	80
5) CHLOROMETHANE	4.209	50	46096	0.83	PPBV	75
10) TRICHLOROFLUOROMETHANE	5.826	101	170144	0.65	PPBV	97
11) ISOPROPYL ALCOHOL	5.868	45	274941	3.24	PPBV	97
12) ACETONE	5.625	43	3050166	33.76	PPBV	90
13) PENTANE	6.184	42	191897	3.37	PPBV	83
15) CARBON DISULFIDE	6.910	76	32303	0.21	PPBV	73
16) ETHANOL	5.127	45	4331599	224.08	PPBV	95
18) METHYLENE CHLORIDE	6.578	84	27244	0.43	PPBV	74
20) FREON 113	6.855	151	15768	0.12	PPBV #	51
23) METHYL TERTIARY BUTYL ...	7.757	73	259772	1.81	PPBV	94
25) HEXANE	8.719	57	139045	1.51	PPBV	86
28) METHYL ETHYL KETONE	8.083	43	203590	1.77	PPBV	95
31) CHLOROFORM	8.804	83	70359	0.43	PPBV	97
33) CARBON TETRACHLORIDE	10.348	117	14132	0.11	PPBV	95
36) BENZENE	10.202	78	125531	1.14	PPBV	91
37) CYCLOHEXANE	10.474	84	31175	0.61	PPBV #	66
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	136197	0.67	PPBV	83
43) HEPTANE	11.464	43	64976	0.97	PPBV	92
44) METHYL ISOBUTYL KETONE	12.046	43	21259	0.27	PPBV	76
46) TOLUENE	12.982	92	383975	6.23	PPBV	98
51) TETRACHLOROETHYLENE	14.114	164	57673	1.40	PPBV	97
55) ETHYLBENZENE	15.188	91	122078	1.14	PPBV	97
56) m,p-XYLENE	15.363	106	69535	1.73	PPBV	78
57) o-XYLENE	15.882	106	21888	0.54	PPBV	97
59) NONANE	16.079	43	18954	0.21	PPBV	85
65) 4-ETHYLTOLUENE	17.261	105	18610	0.35	PPBV	91
66) 1,3,5-TRIMETHYLBENZENE	17.339	105	18081m	0.18	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	52335	0.80	PPBV	95
70) p-DICHLOROBENZENE	18.068	146	41545m	0.89	PPBV	

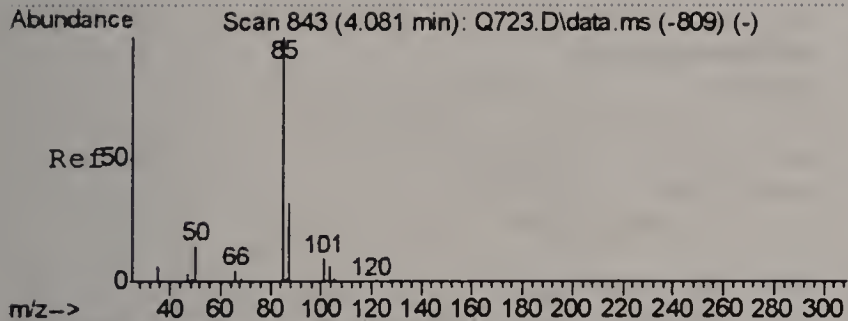
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

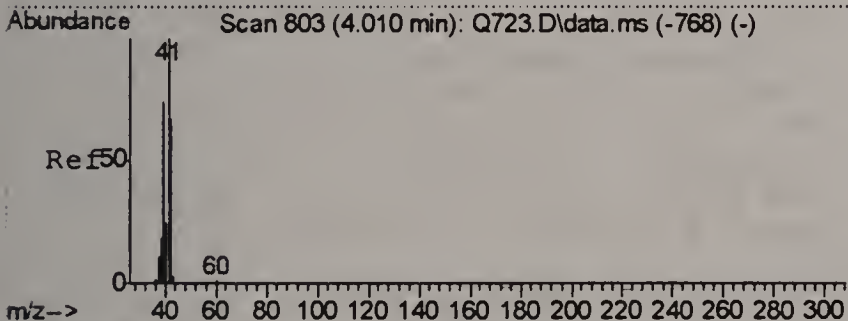
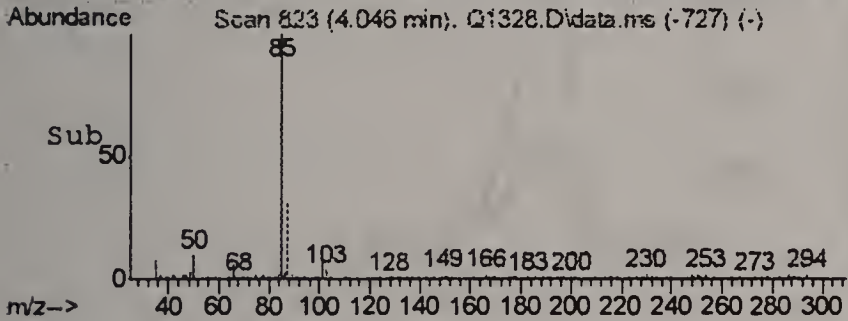
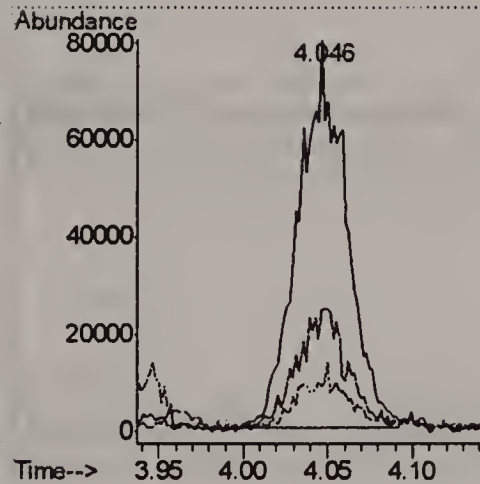
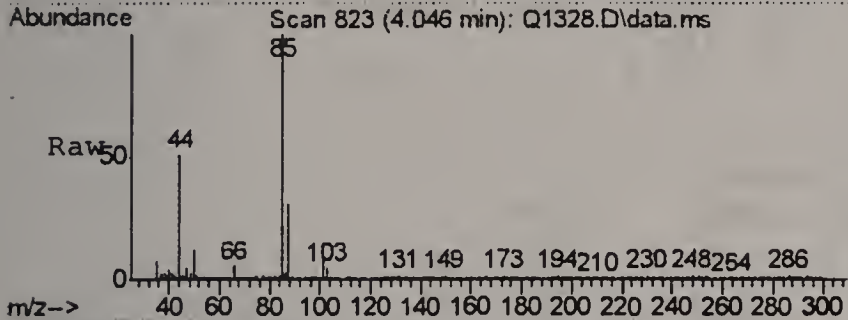
Quant Time: Aug 08 13:42:59 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration





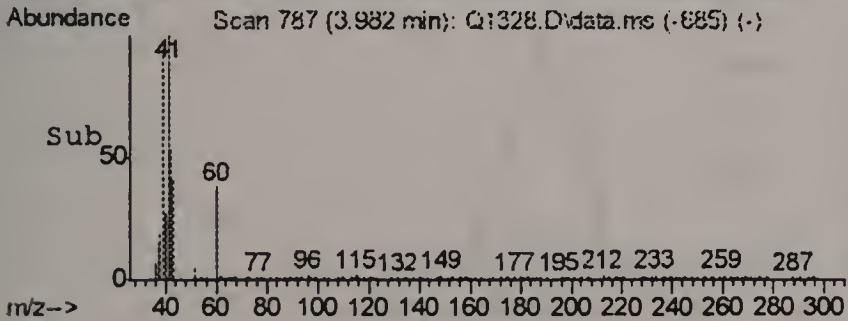
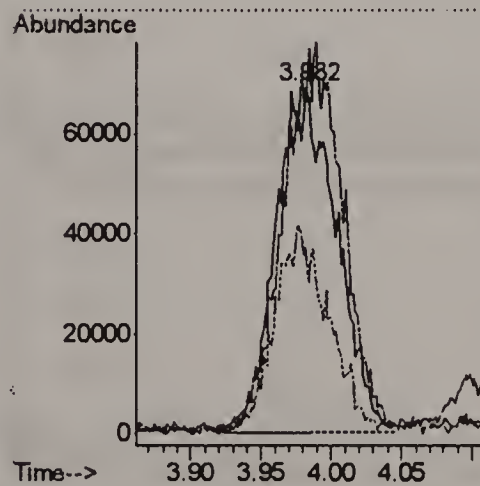
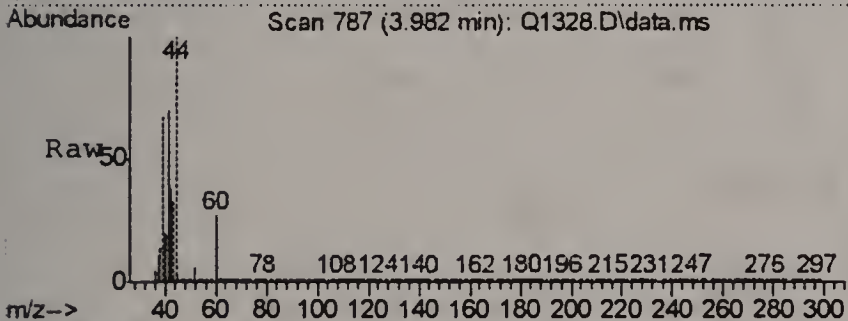
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.69 PPBV
 RT: 4.046 min Scan# 823
 Delta R.T. -0.035 min
 Lab File: Q1328.D
 Acq: 8 Aug 2006 1:02 pm

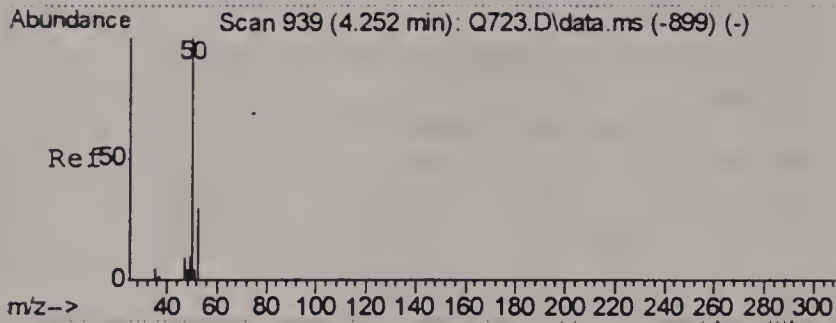
Tgt Ion	Resp	Lower	Upper
85	152735		
87	34.8	11.9	51.9
50	17.9	0.0	35.5



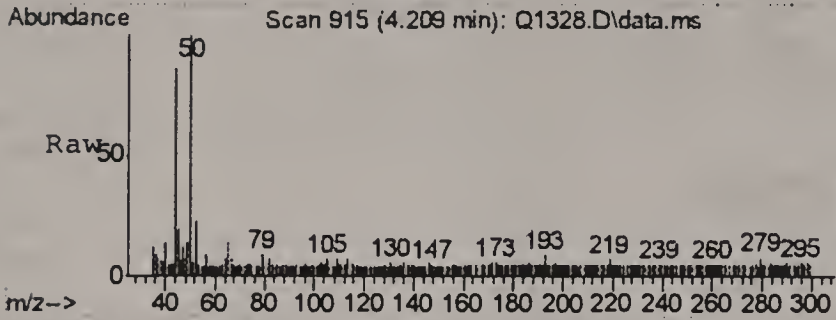
#3
 PROPYLENE
 Concen: 5.87 PPBV
 RT: 3.982 min Scan# 787
 Delta R.T. -0.025 min
 Lab File: Q1328.D
 Acq: 8 Aug 2006 1:02 pm

Tgt Ion	Resp	Lower	Upper
41	207613		
39	95.7	55.3	95.3
42	54.1	46.8	86.8

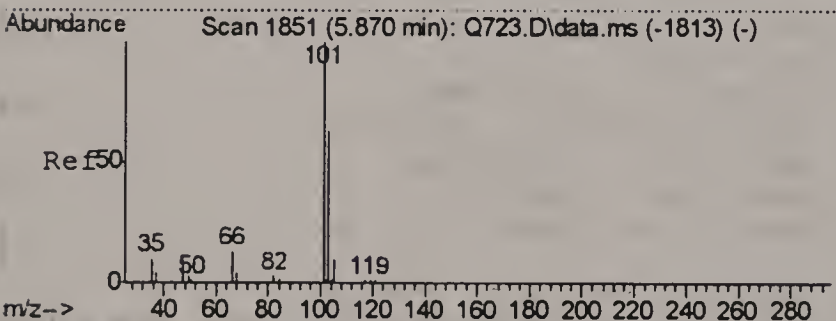
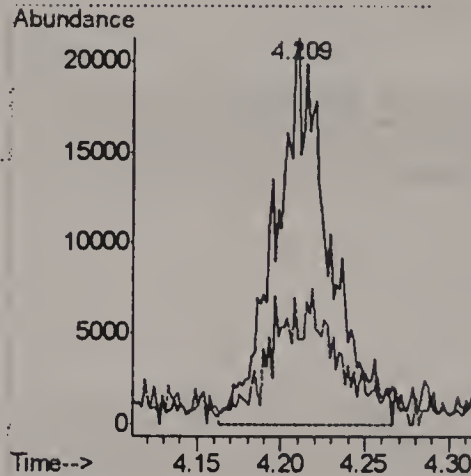
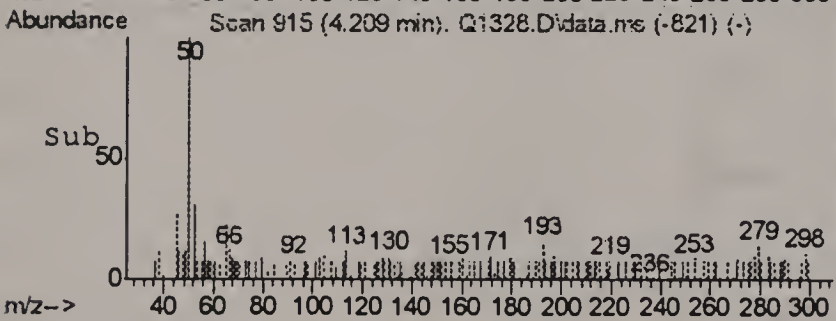




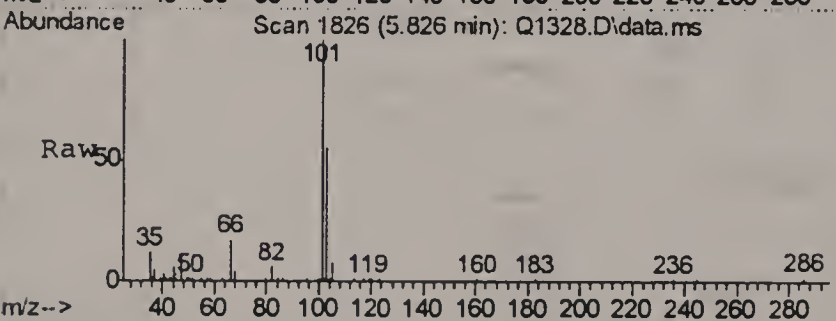
#5
CHLOROMETHANE
Concen: 0.83 PPBV
RT: 4.209 min Scan# 915
Delta R.T. -0.040 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



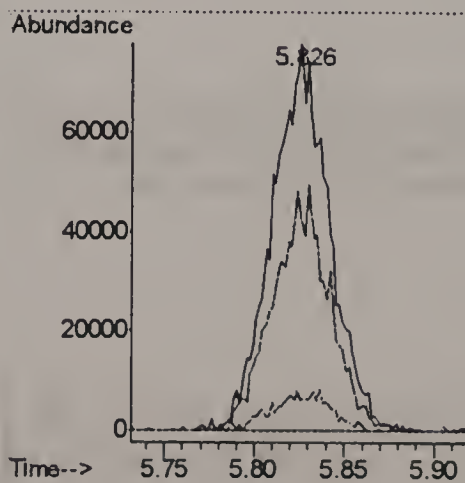
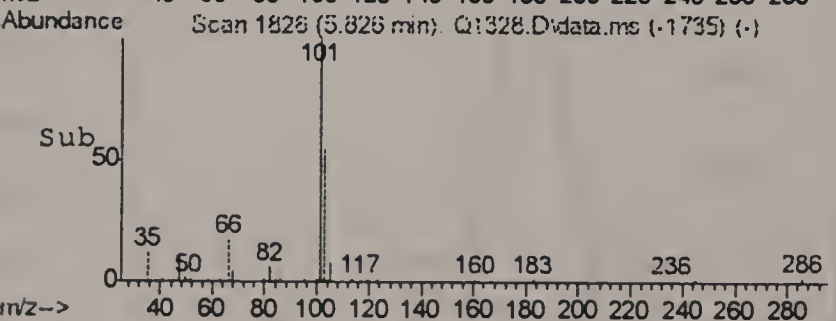
Tgt Ion: 50 Resp: 46096
Ion Ratio Lower Upper
50 100
52 16.2 9.7 49.7

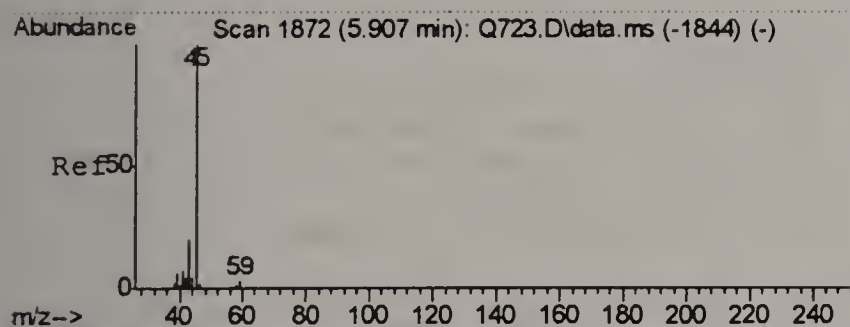


#10
TRICHLOROFLUOROMETHANE
Concen: 0.65 PPBV
RT: 5.826 min Scan# 1826
Delta R.T. -0.044 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



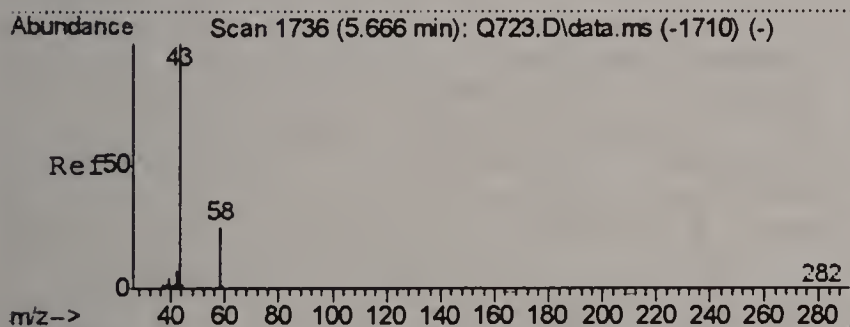
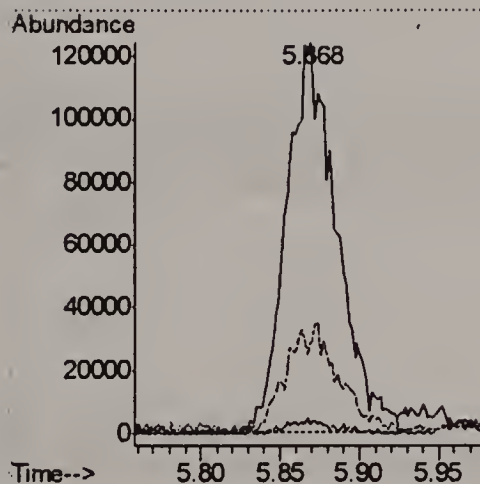
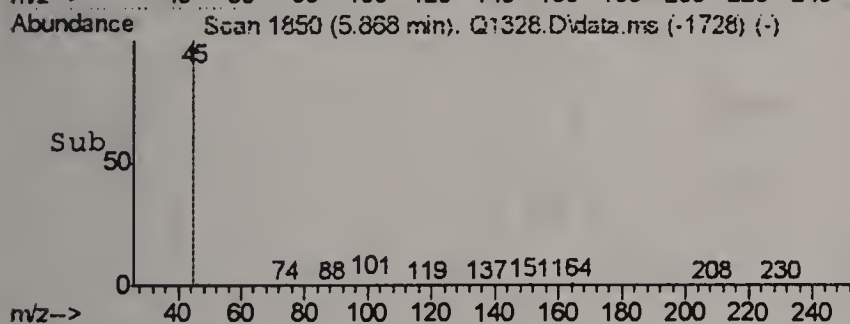
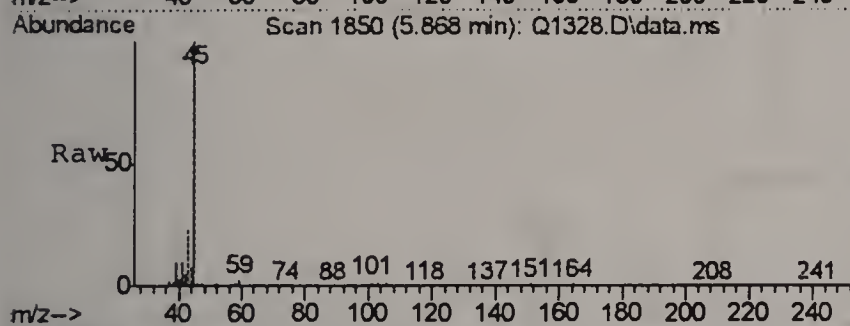
Tgt Ion: 101 Resp: 170144
Ion Ratio Lower Upper
101 100
103 62.4 44.3 84.3
105 9.2 0.0 30.4





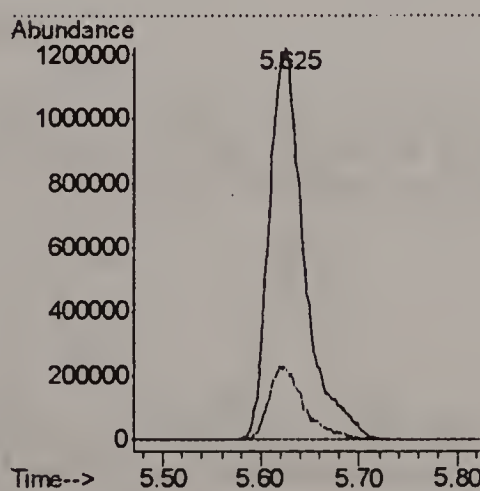
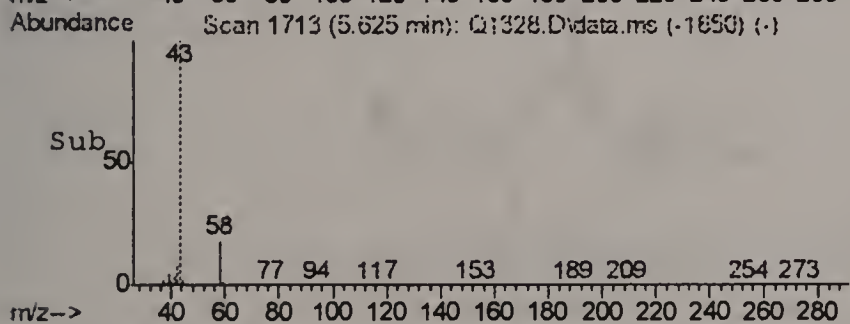
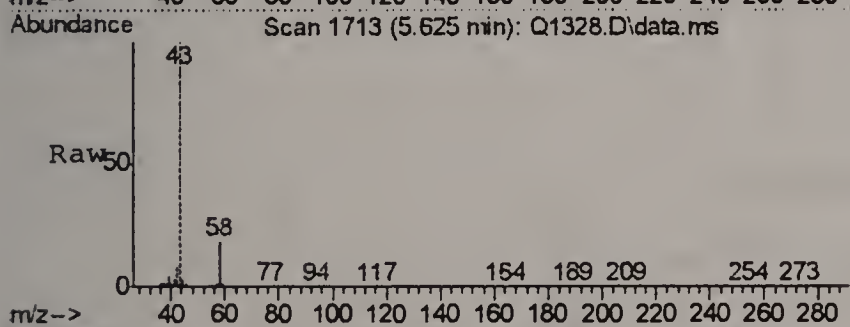
#11
ISOPROPYL ALCOHOL
Concen: 3.24 PPBV
RT: 5.868 min Scan# 1850
Delta R.T. -0.042 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

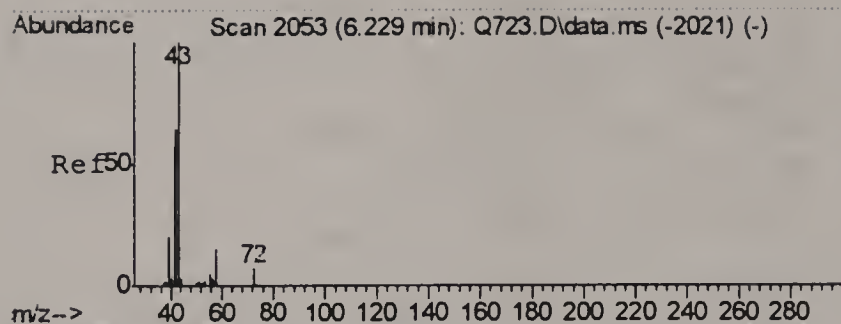
Tgt Ion	Ratio	Lower	Upper
45	100		
59	2.7	0.0	23.5
43	23.0	1.6	41.6



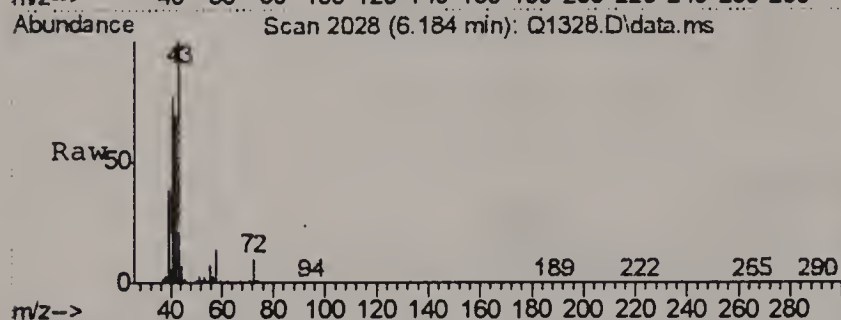
#12
ACETONE
Concen: 33.76 PPBV
RT: 5.625 min Scan# 1713
Delta R.T. -0.044 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	19.3	4.1	44.1

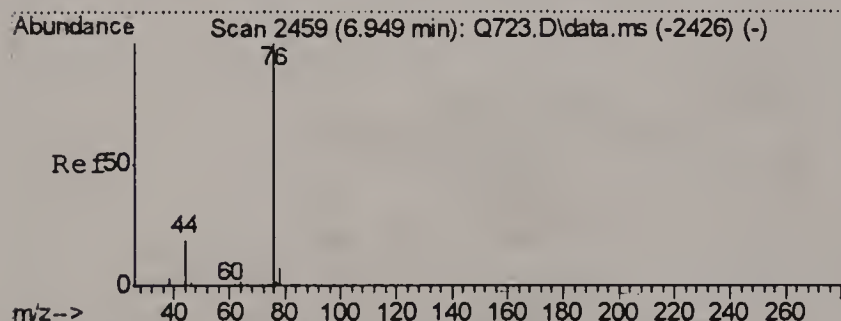
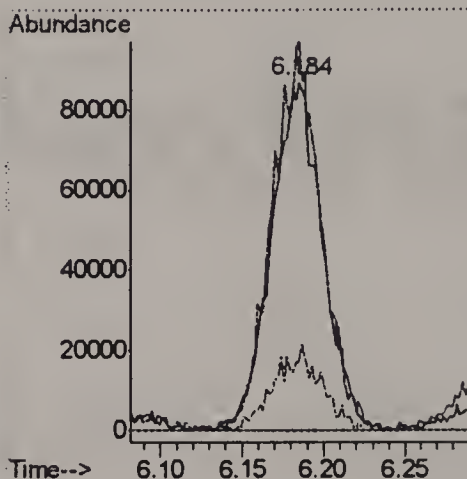
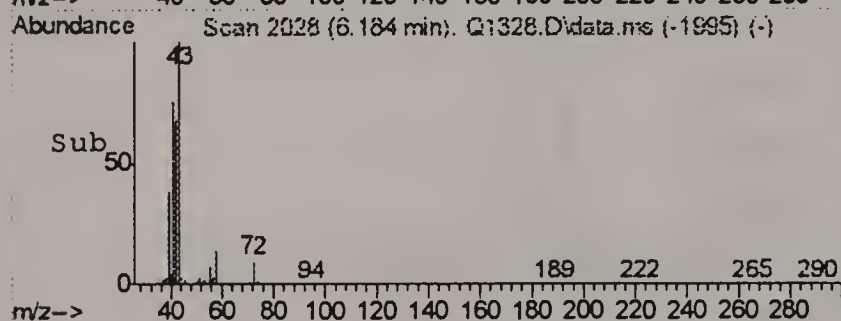




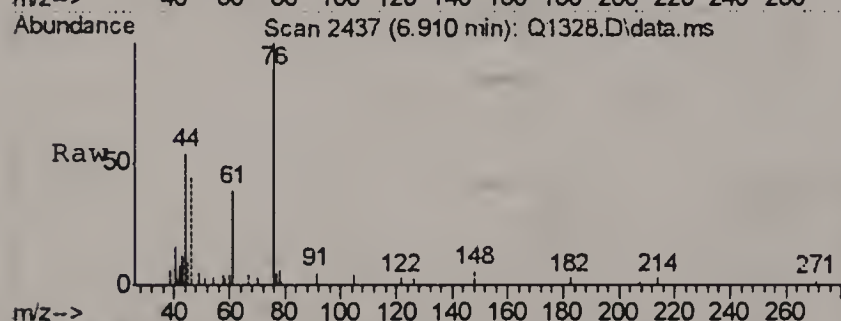
#13
PENTANE
Concen: 3.37 PPBV
RT: 6.184 min Scan# 2028
Delta R.T. -0.044 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



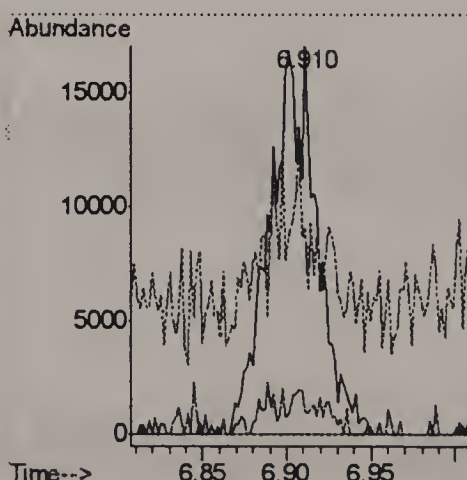
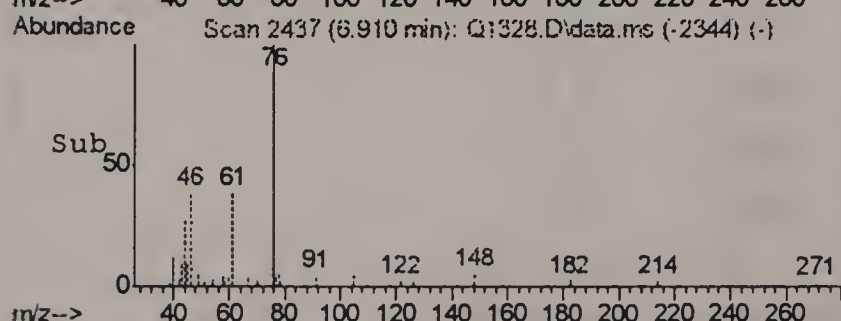
Tgt Ion: 42 Resp: 191897
Ion Ratio Lower Upper
42 100
41 106.6 72.2 112.2
57 9.7 1.9 41.9

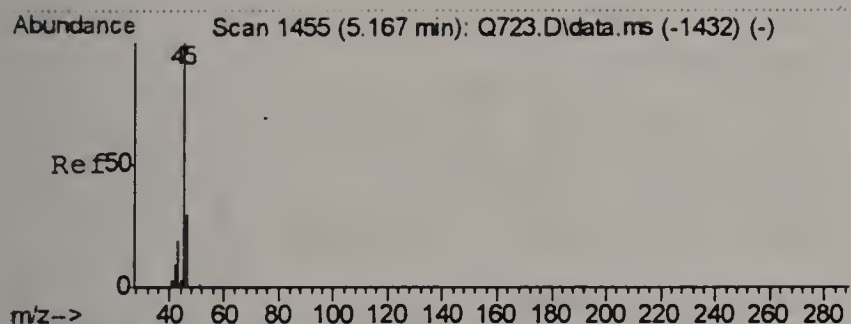


#15
CARBON DISULFIDE
Concen: 0.21 PPBV
RT: 6.910 min Scan# 2437
Delta R.T. -0.041 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

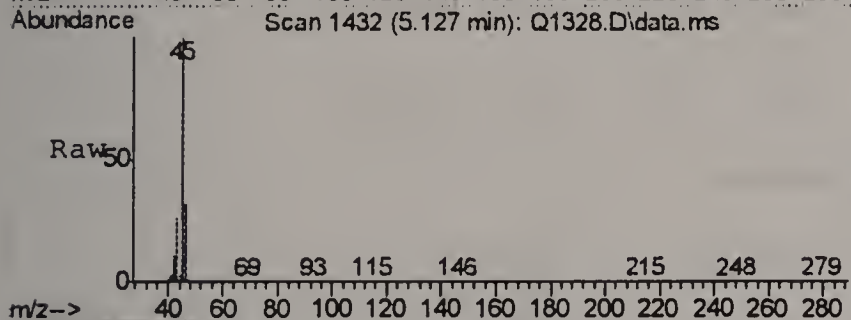


Tgt Ion: 76 Resp: 32303
Ion Ratio Lower Upper
76 100
78 2.7 0.0 29.1
44 36.0 1.5 41.5



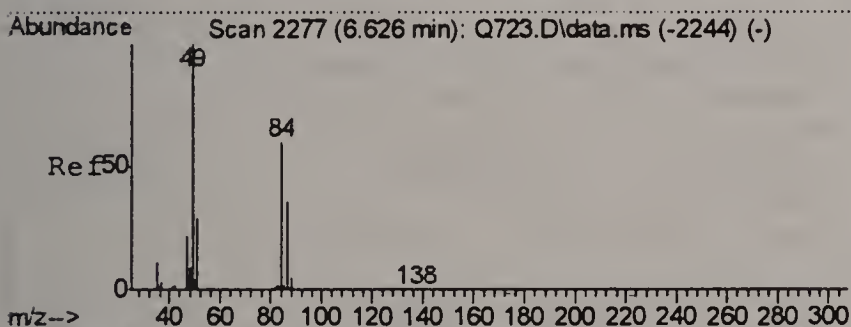
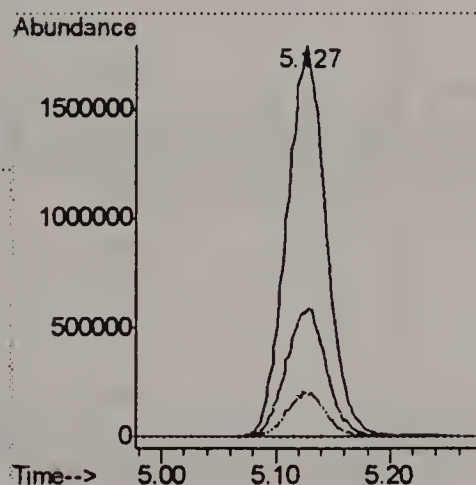
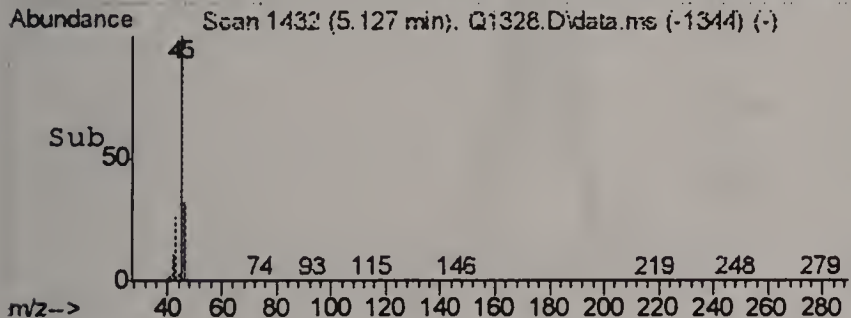


#16
ETHANOL
Concen: 224.08 PPBV
RT: 5.127 min Scan# 1432
Delta R.T. -0.049 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

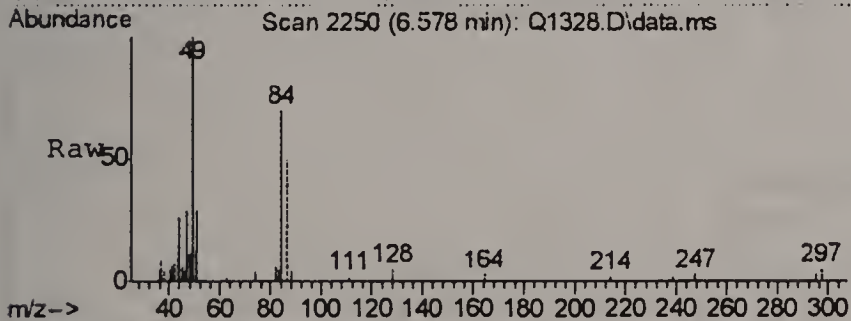


Tgt Ion: 45 Resp: 4331599

Ion	Ratio	Lower	Upper
45	100		
46	33.7	16.4	56.4
42	11.5	0.0	28.8

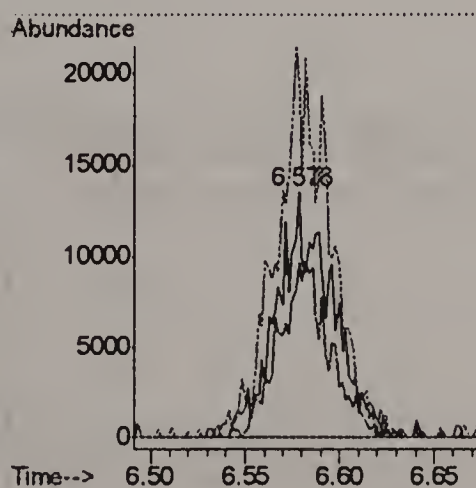
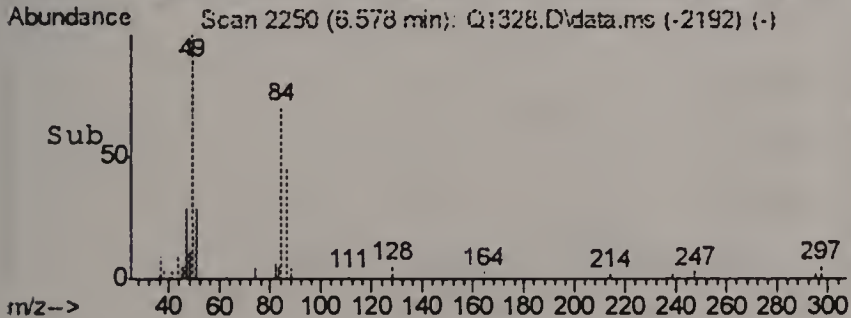


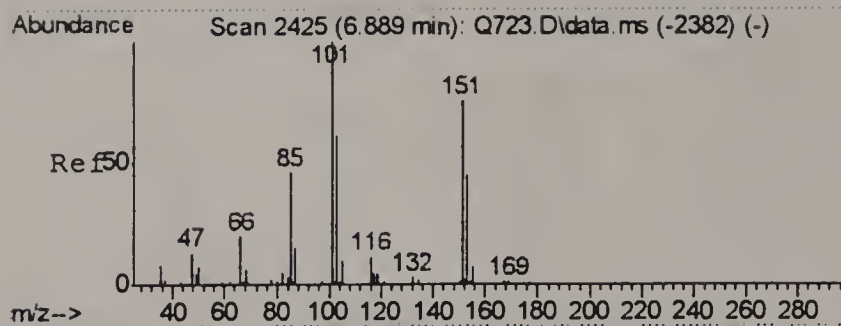
#18
METHYLENE CHLORIDE
Concen: 0.43 PPBV
RT: 6.578 min Scan# 2250
Delta R.T. -0.048 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



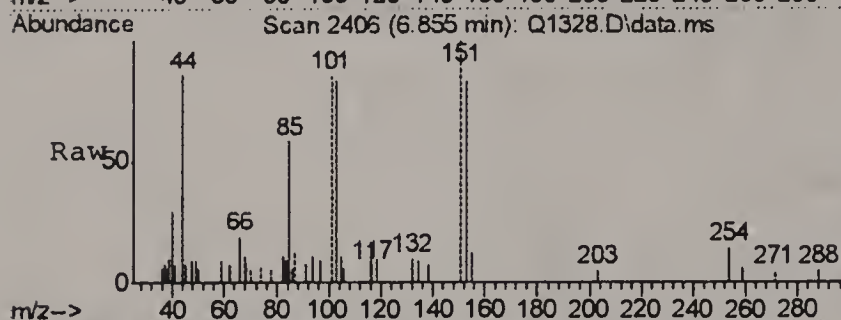
Tgt Ion: 84 Resp: 27244

Ion	Ratio	Lower	Upper
84	100		
86	67.6	44.6	84.6
49	151.0	0.7	400.7

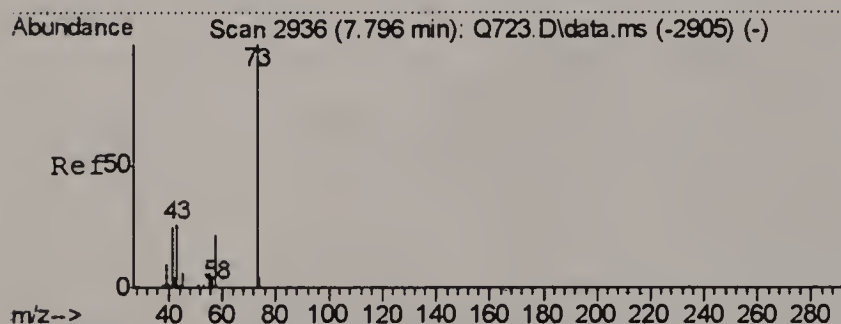
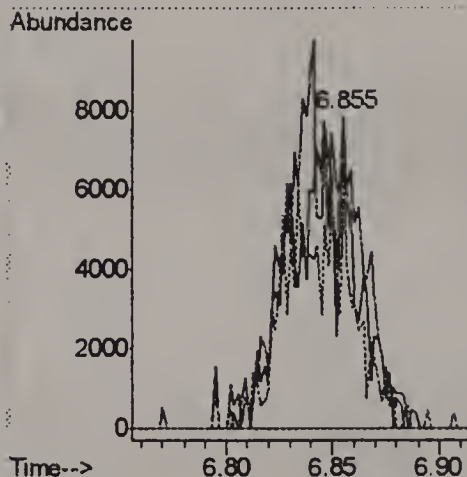
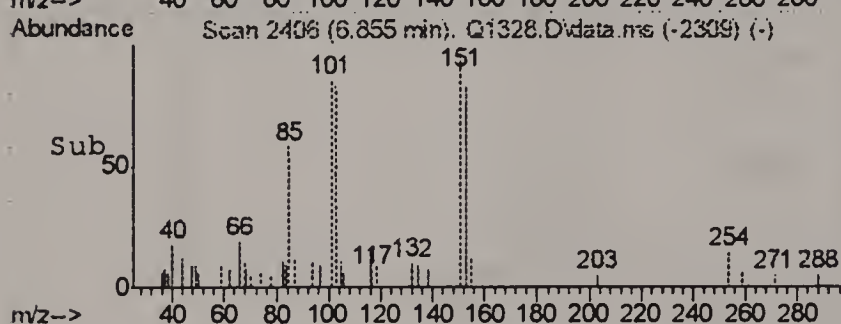




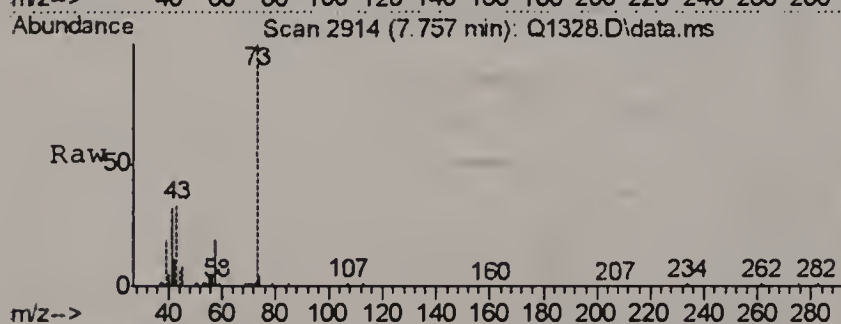
#20
FREON 113
Concen: 0.12 PPBV
RT: 6.855 min Scan# 2406
Delta R.T. -0.034 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



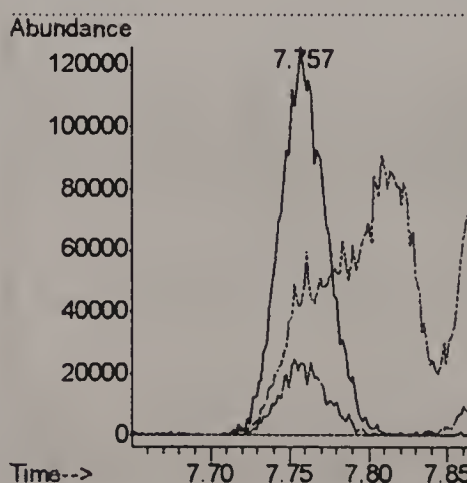
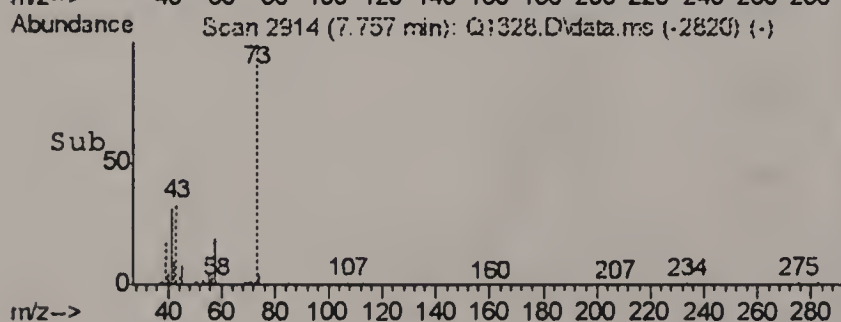
Tgt Ion: 151 Resp: 15768
Ion Ratio Lower Upper
151 100
101 62.3 119.0 159.0#
103 63.6 68.0 108.0#

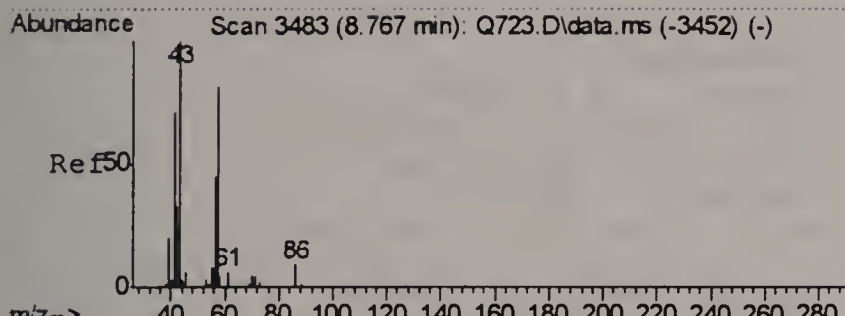


#23
METHYL TERTIARY BUTYL ETHER
Concen: 1.81 PPBV
RT: 7.757 min Scan# 2914
Delta R.T. -0.039 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



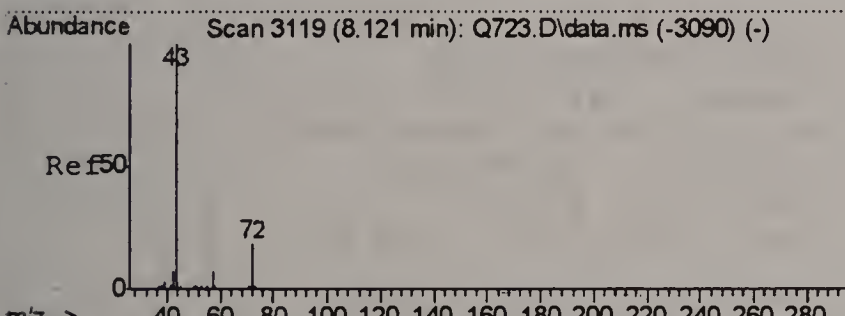
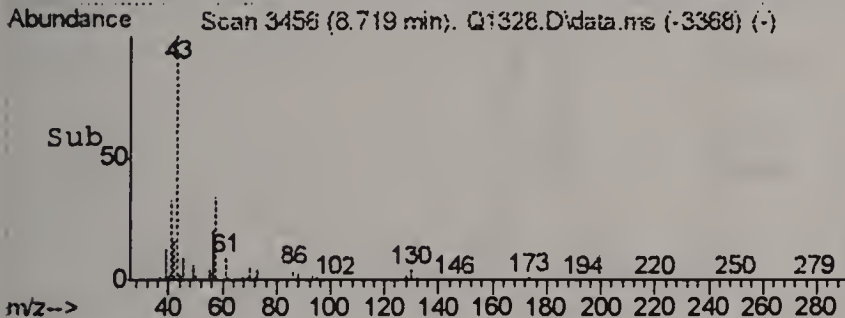
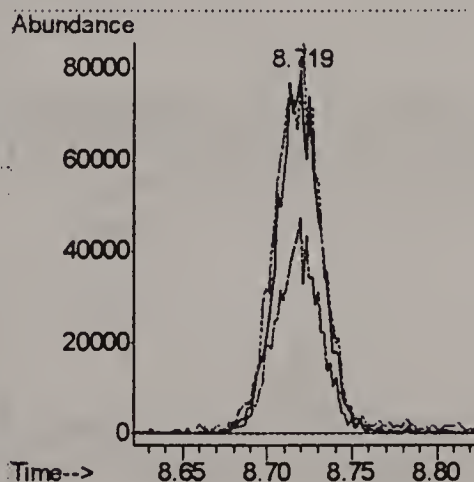
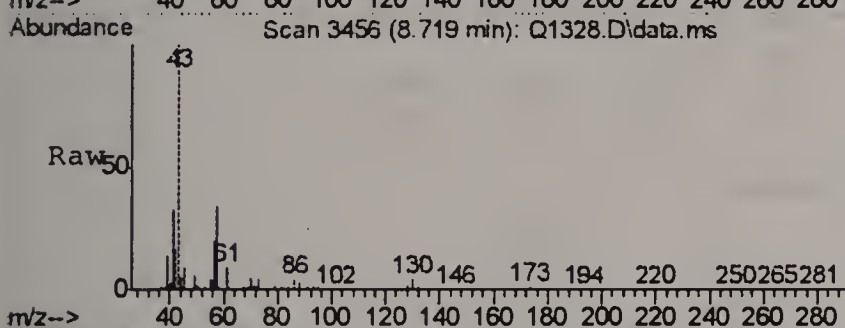
Tgt Ion: 73 Resp: 259772
Ion Ratio Lower Upper
73 100
57 19.5 4.1 44.1
43 27.5 9.0 49.0





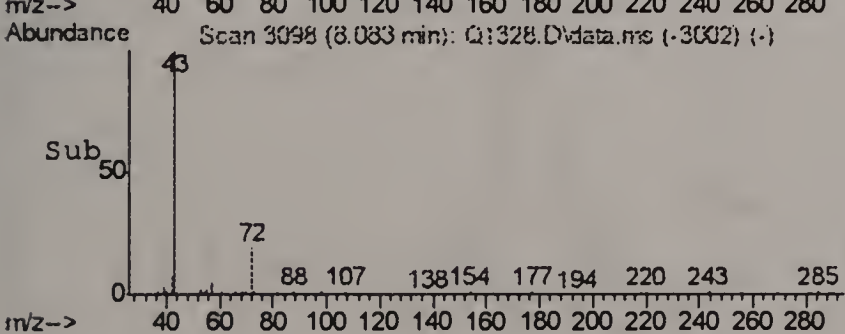
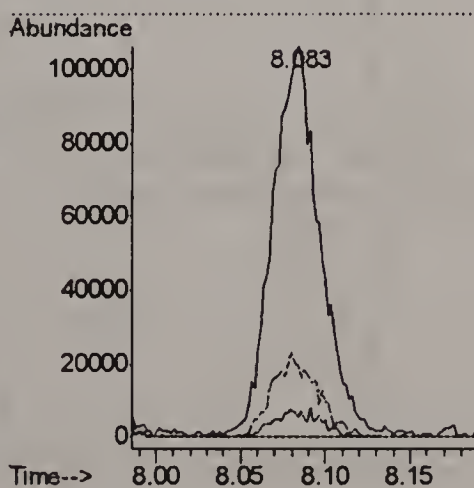
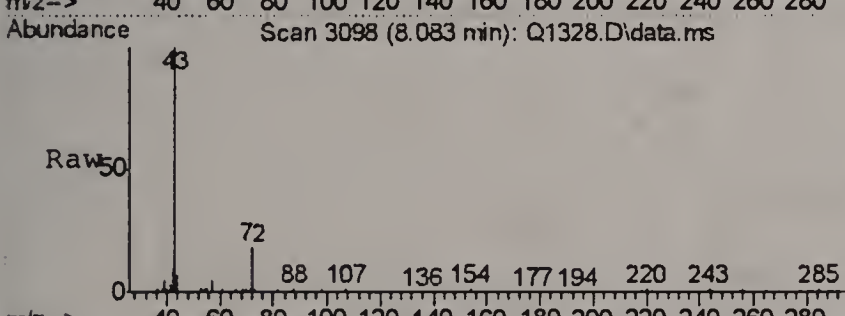
#25
 HEXANE
 Concen: 1.51 PPBV
 RT: 8.719 min Scan# 3456
 Delta R.T. -0.049 min
 Lab File: Q1328.D
 Acq: 8 Aug 2006 1:02 pm

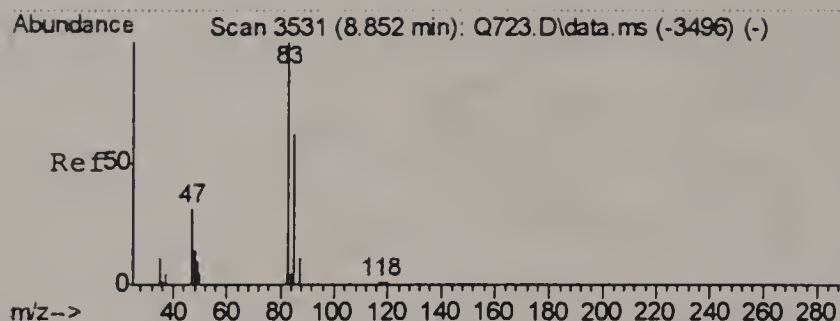
Tgt Ion	Ratio	Lower	Upper
57	100		
56	58.1	35.6	75.6
41	110.4	71.4	111.4



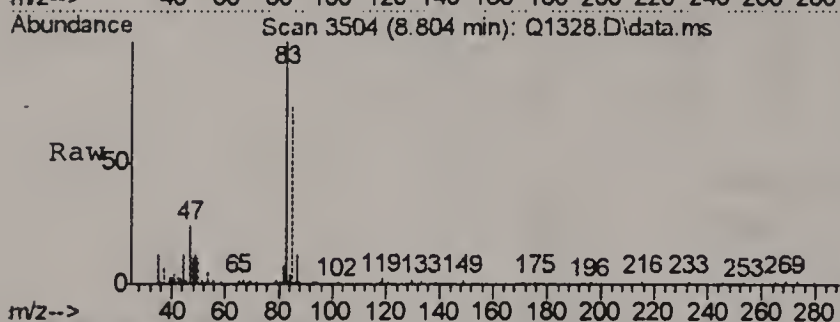
#28
 METHYL ETHYL KETONE
 Concen: 1.77 PPBV
 RT: 8.083 min Scan# 3098
 Delta R.T. -0.035 min
 Lab File: Q1328.D
 Acq: 8 Aug 2006 1:02 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.5	0.0	26.7
72	18.2	0.0	36.0

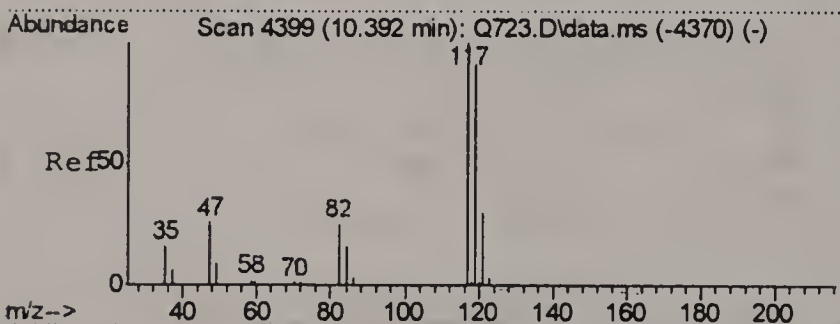
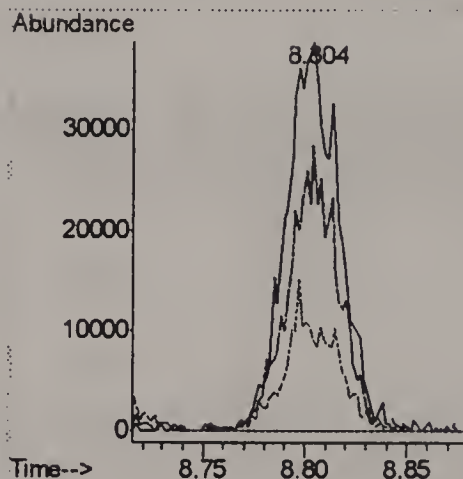
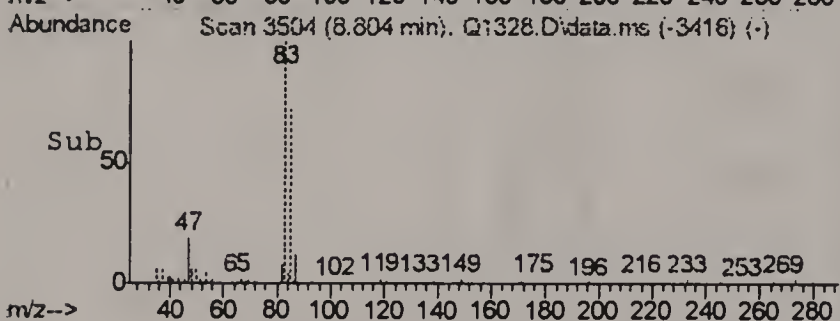




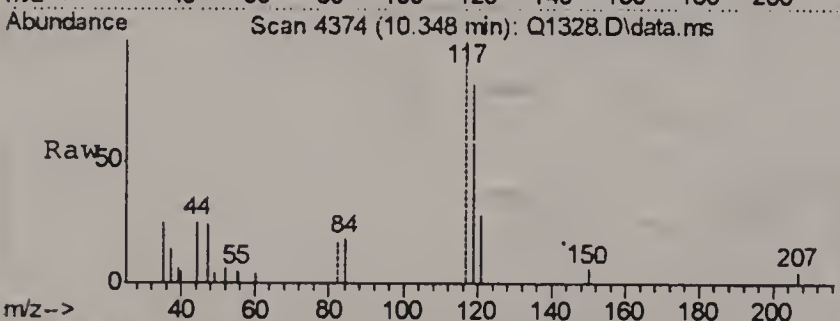
#31
CHLOROFORM
Concen: 0.43 PPBV
RT: 8.804 min Scan# 3504
Delta R.T. -0.050 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



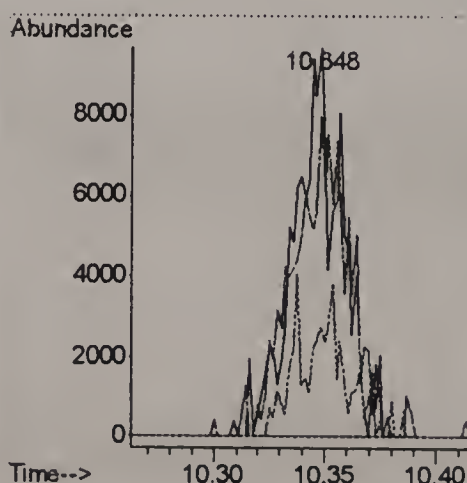
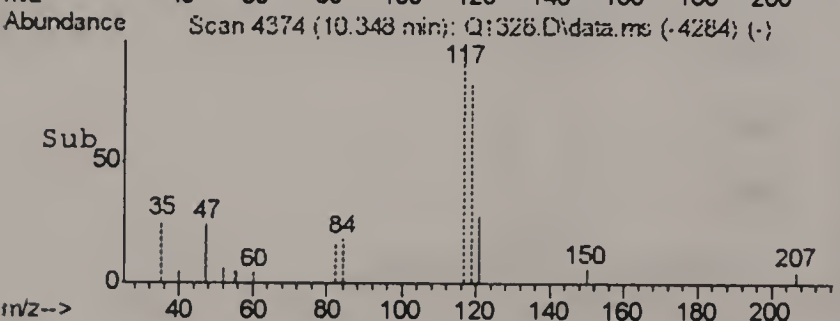
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	44.8	84.8
47	32.2	13.7	53.7

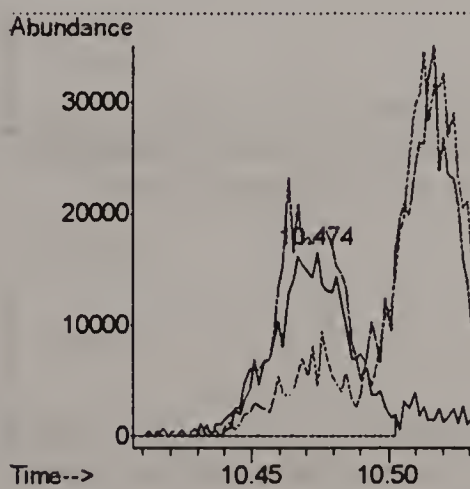
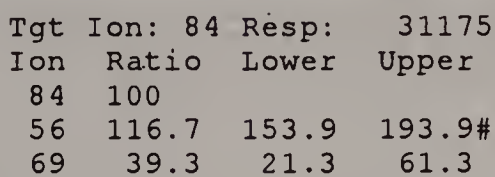
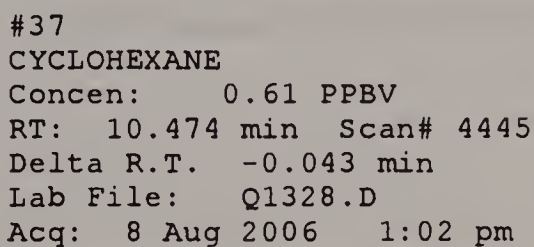
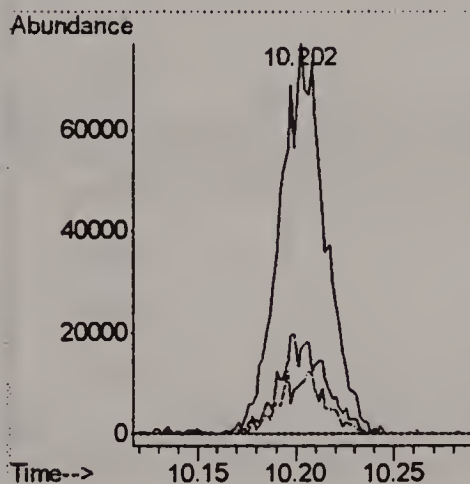
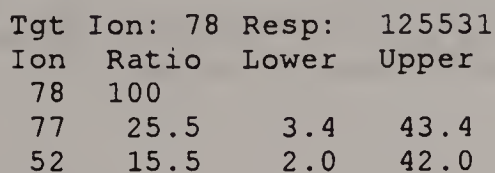
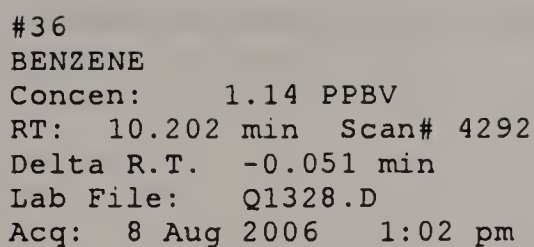


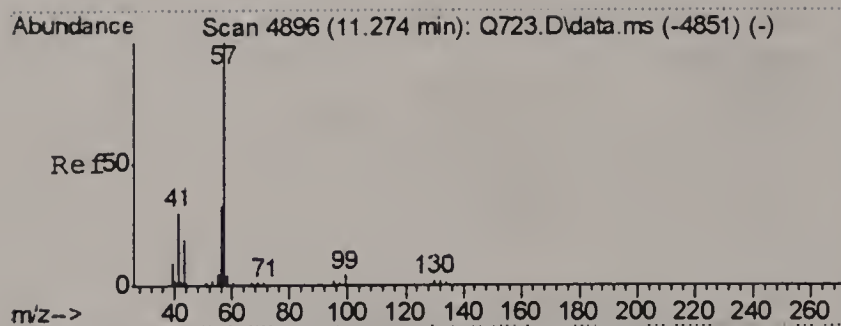
#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.348 min Scan# 4374
Delta R.T. -0.046 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.3	114.3
121	20.6	10.1	50.1

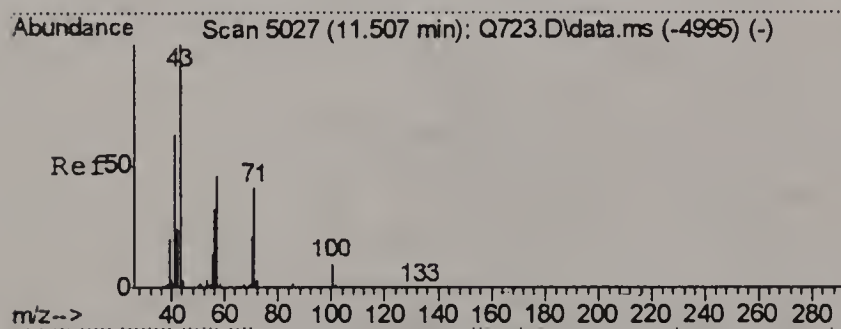
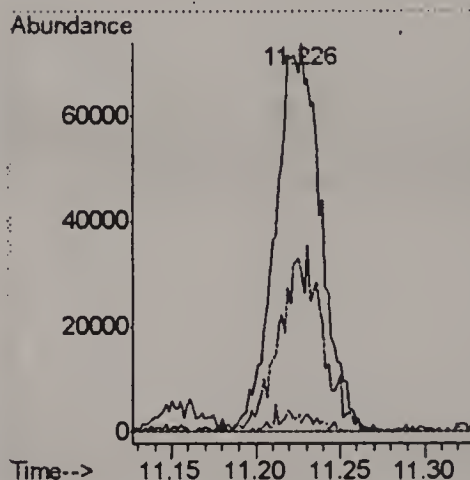
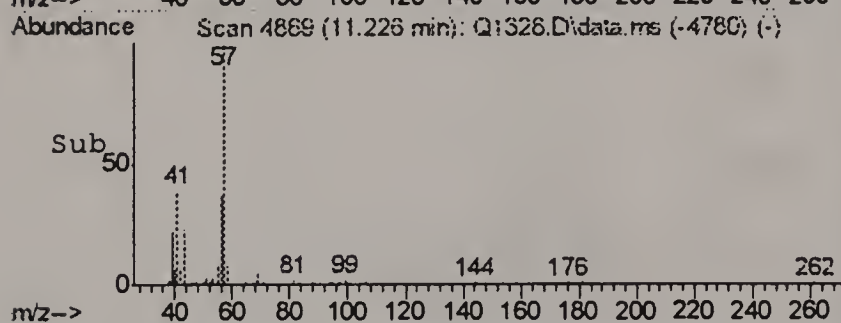
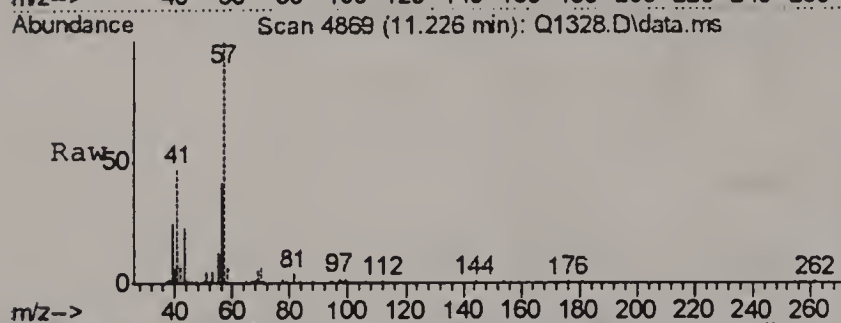






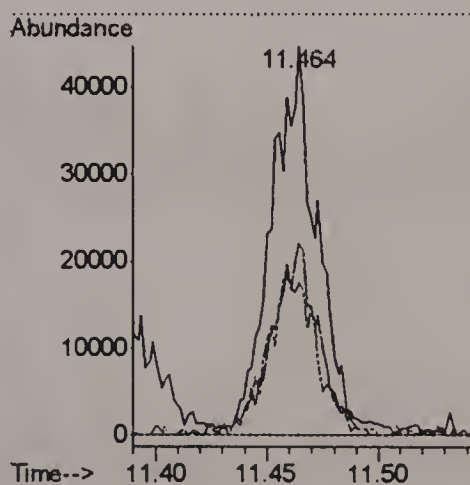
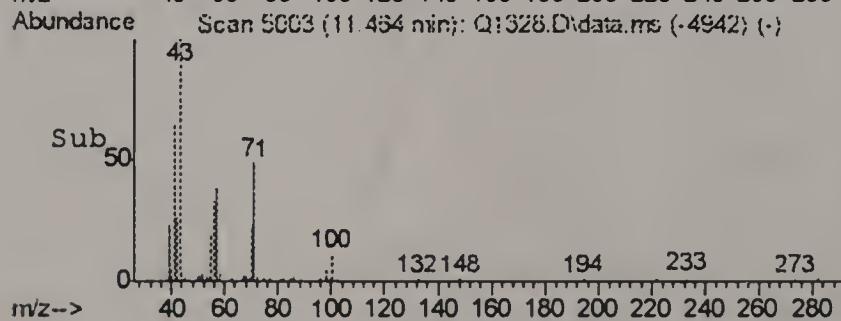
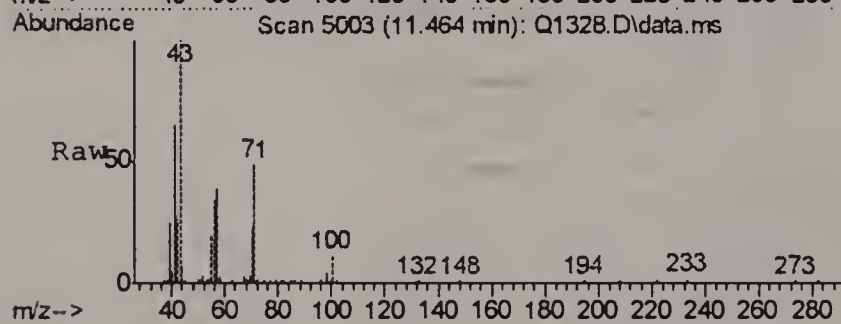
#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.67 PPBV
RT: 11.226 min Scan# 4869
Delta R.T. -0.048 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

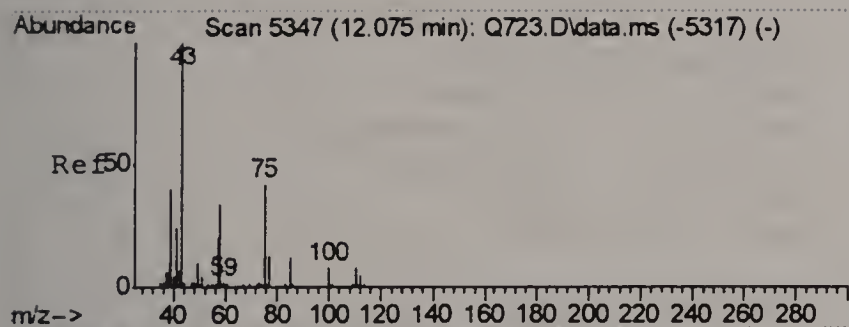
Tgt Ion	Ratio	Lower	Upper
57	100		
56	43.9	13.3	53.3
99	3.9	0.0	22.9



#43
HEPTANE
Concen: 0.97 PPBV
RT: 11.464 min Scan# 5003
Delta R.T. -0.046 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

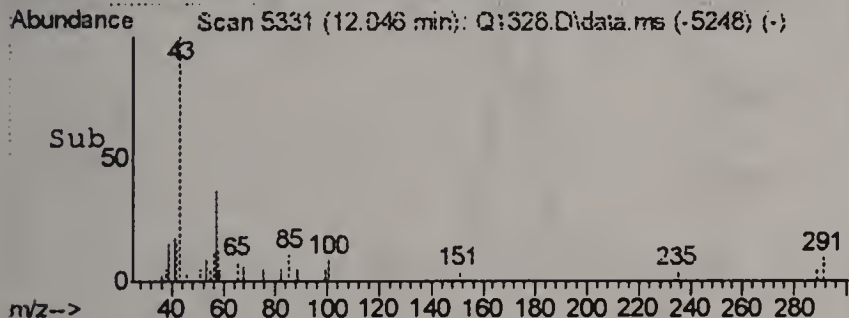
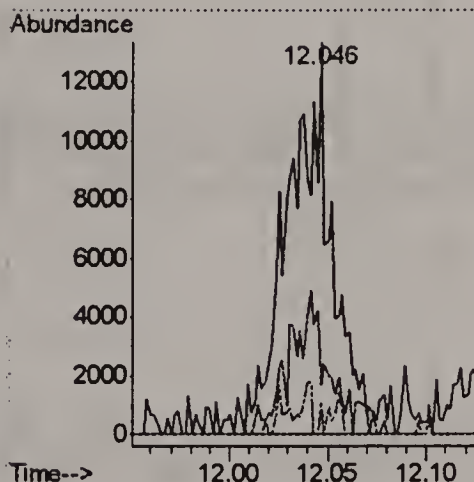
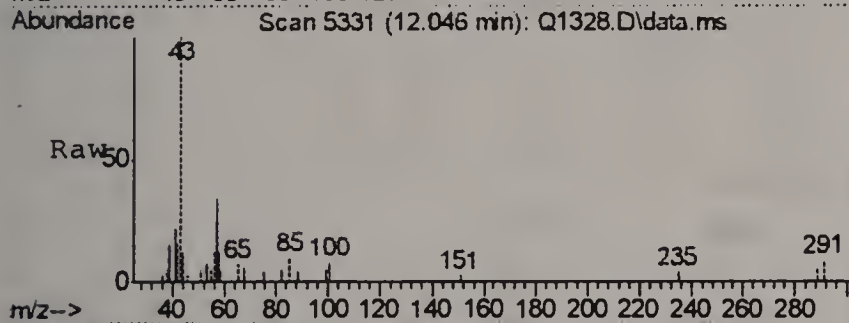
Tgt Ion	Ratio	Lower	Upper
43	100		
71	49.4	18.5	58.5
57	44.7	24.6	64.6





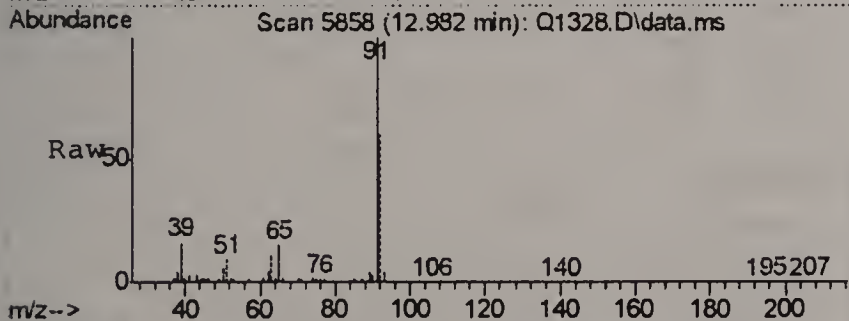
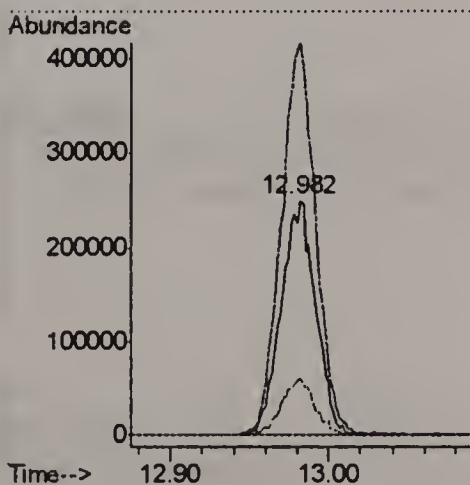
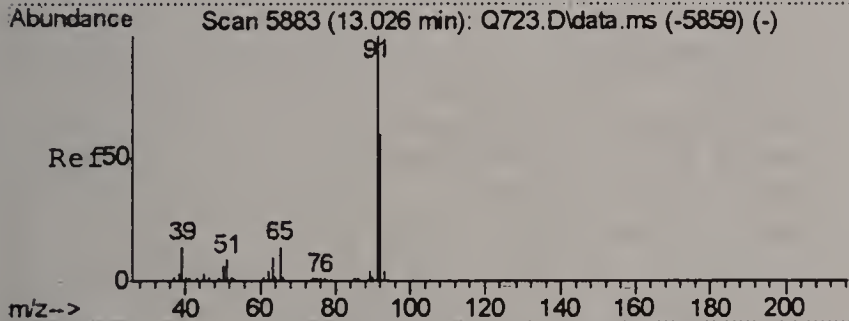
#44
METHYL ISOBUTYL KETONE
Concen: 0.27 PPBV
RT: 12.046 min Scan# 5331
Delta R.T. -0.028 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

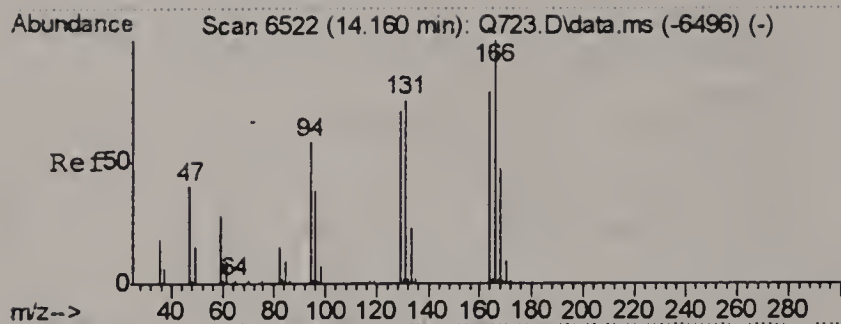
Tgt Ion	Ratio	Lower	Upper
43	100		
58	16.0	12.4	52.4
100	6.3	0.0	27.3



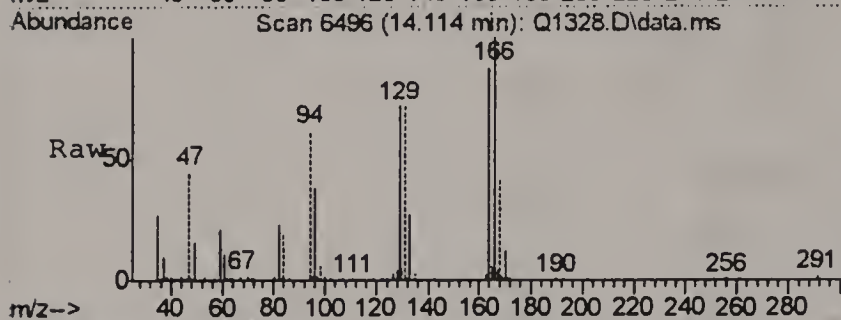
#46
TOLUENE
Concen: 6.23 PPBV
RT: 12.982 min Scan# 5858
Delta R.T. -0.046 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

Tgt Ion	Ratio	Lower	Upper
92	100		
91	165.7	149.4	189.4
65	23.6	3.6	43.6

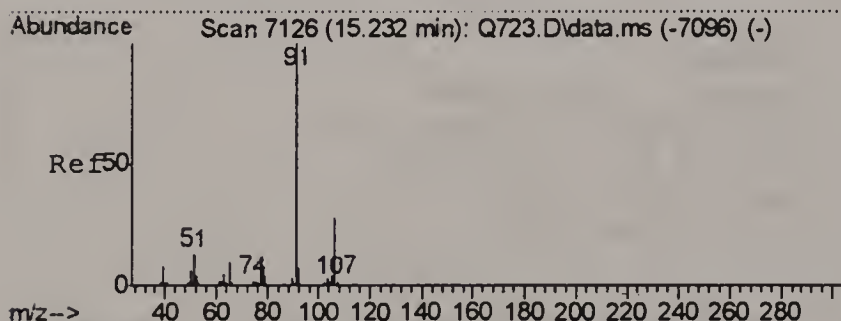
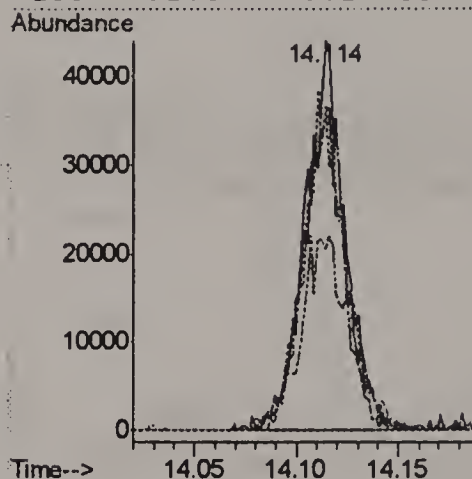
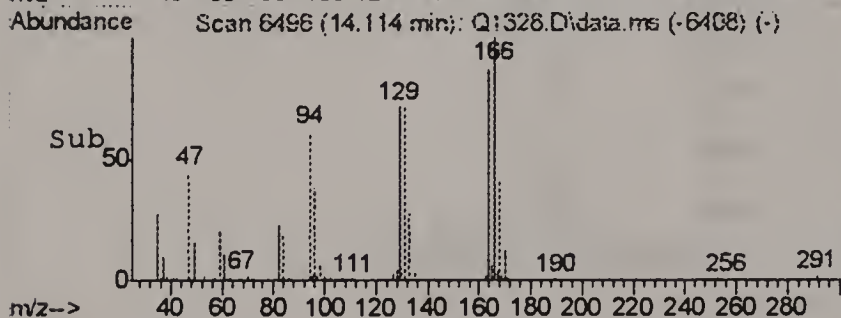




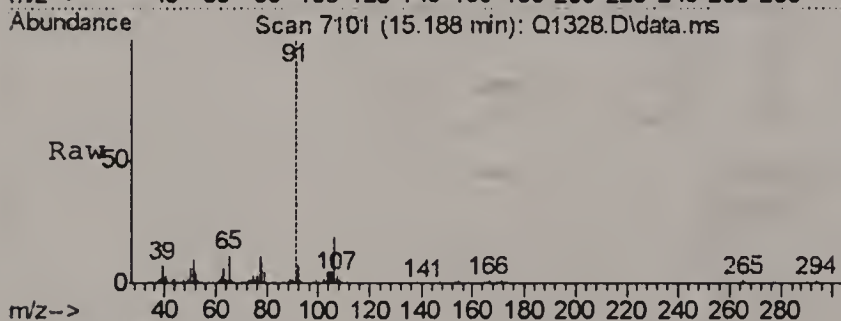
#51
TETRACHLOROETHYLENE
Concen: 1.40 PPBV
RT: 14.114 min Scan# 6496
Delta R.T. -0.049 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



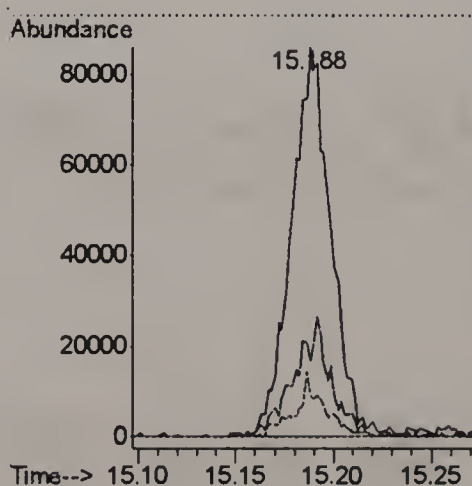
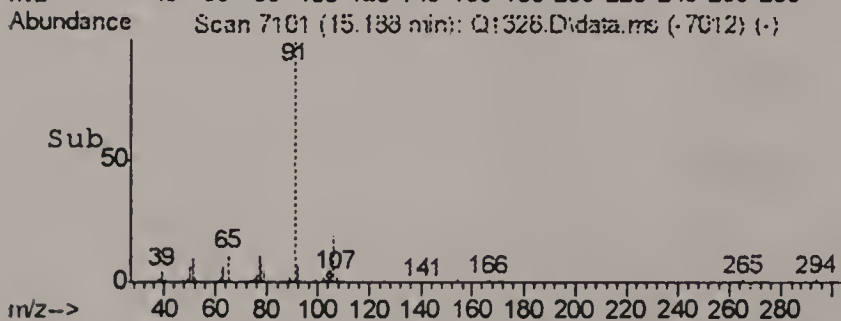
Tgt Ion: 164 Resp: 57673
Ion Ratio Lower Upper
164 100
129 94.0 75.5 115.5
168 59.1 42.7 82.7
131 92.8 75.2 115.2

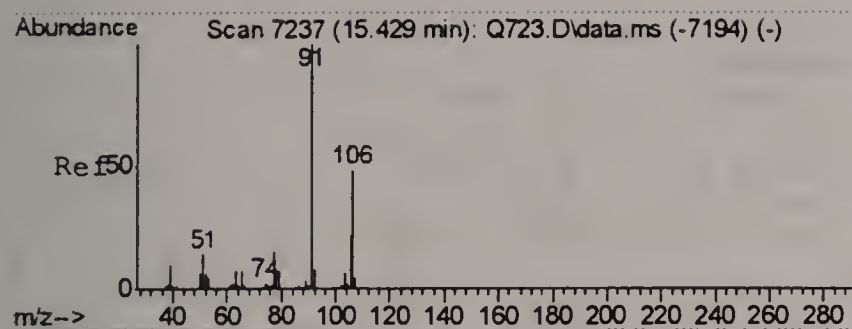


#55
ETHYLBENZENE
Concen: 1.14 PPBV
RT: 15.188 min Scan# 7101
Delta R.T. -0.048 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

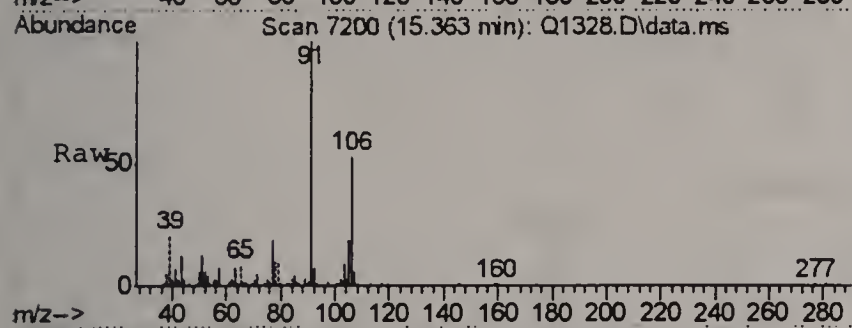


Tgt Ion: 91 Resp: 122078
Ion Ratio Lower Upper
91 100
106 28.3 7.4 47.4
77 12.2 0.0 29.5

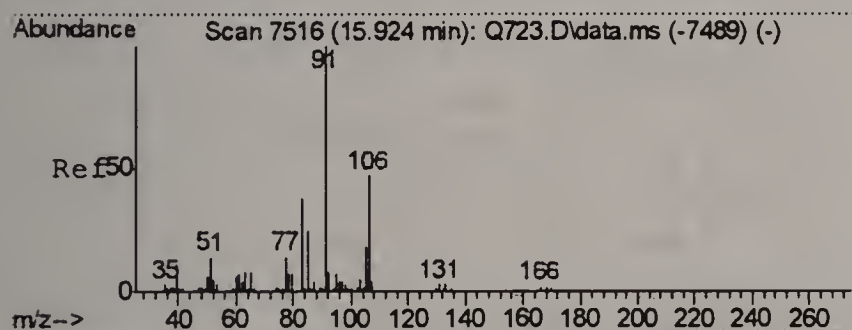
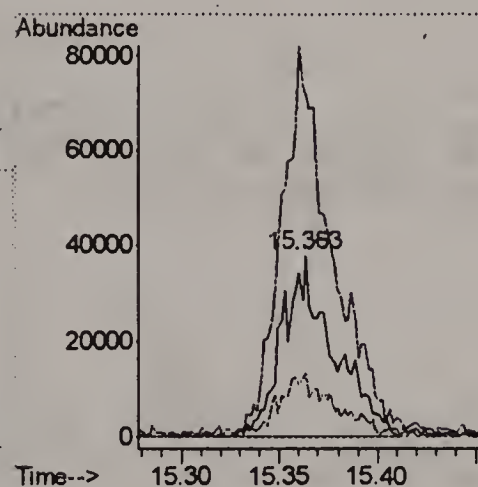
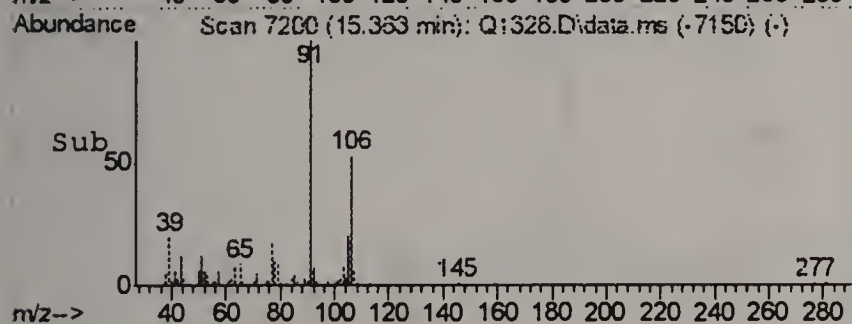




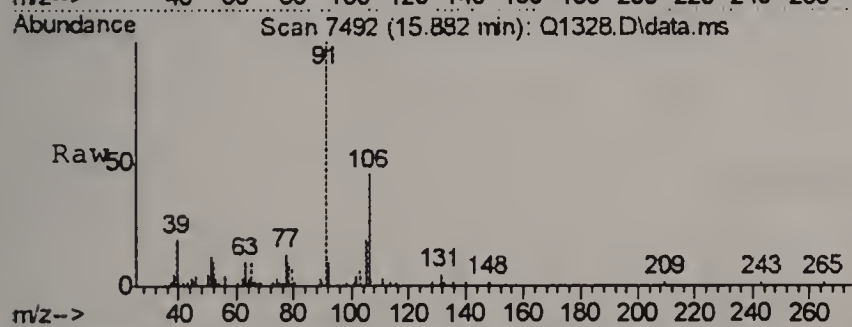
#56
m,p-XYLENE
Concen: 1.73 PPBV
RT: 15.363 min Scan# 7200
Delta R.T. -0.066 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



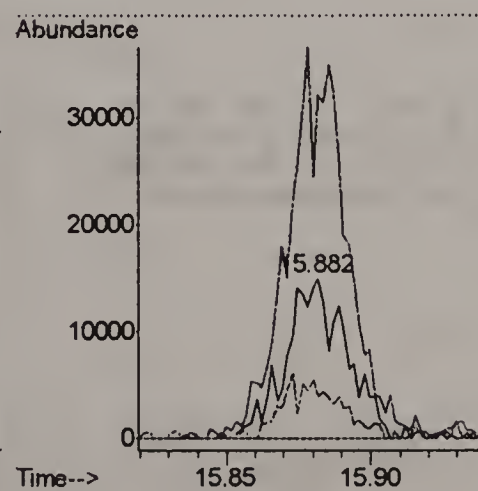
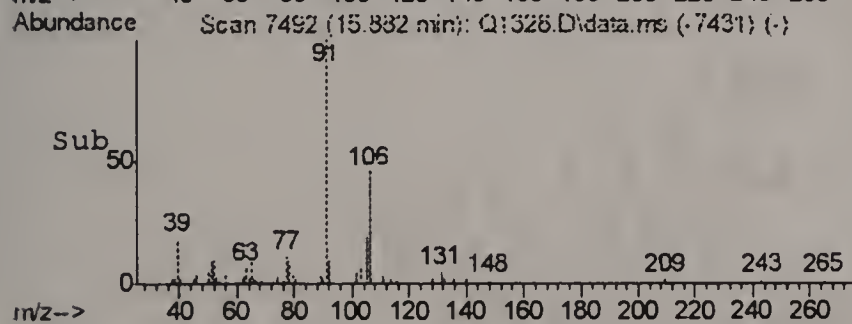
Tgt Ion:106 Resp: 69535
Ion Ratio Lower Upper
106 100
91 188.7 182.7 274.1
77 34.9 25.4 38.2

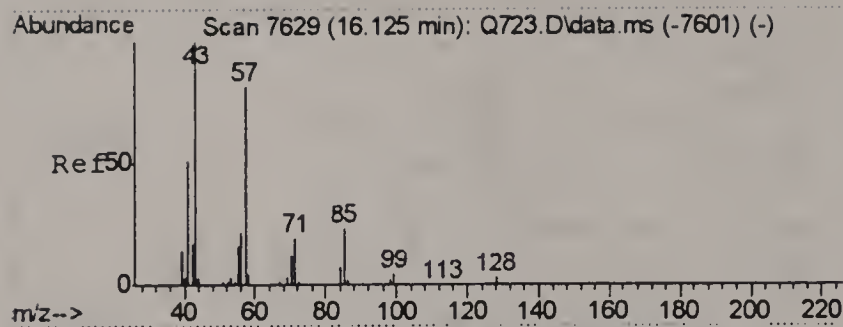


#57
o-XYLENE
Concen: 0.54 PPBV
RT: 15.882 min Scan# 7492
Delta R.T. -0.047 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm



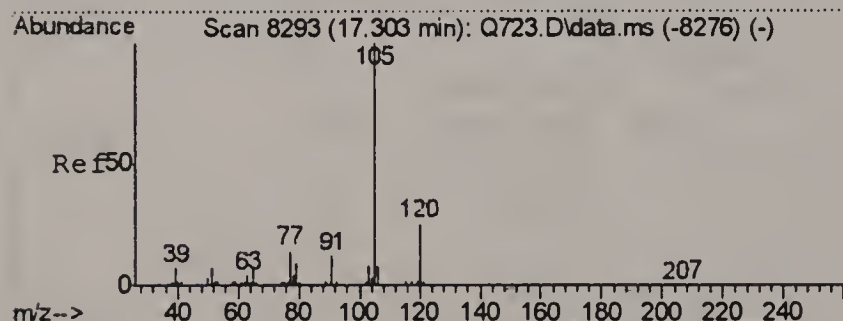
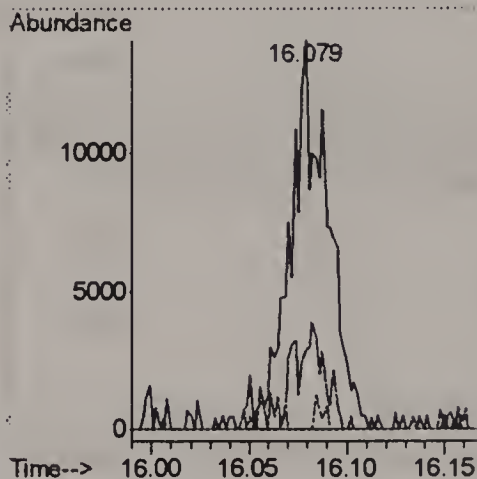
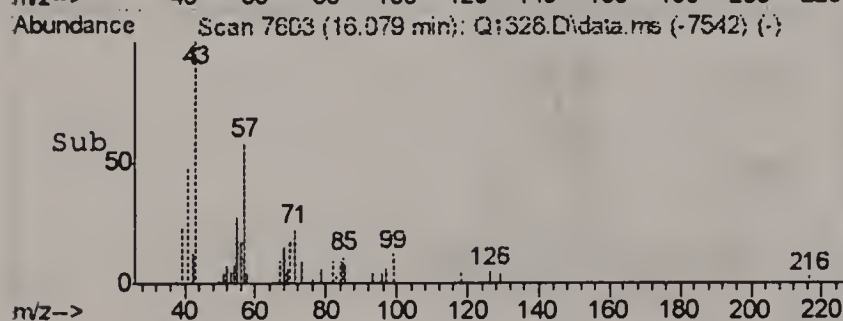
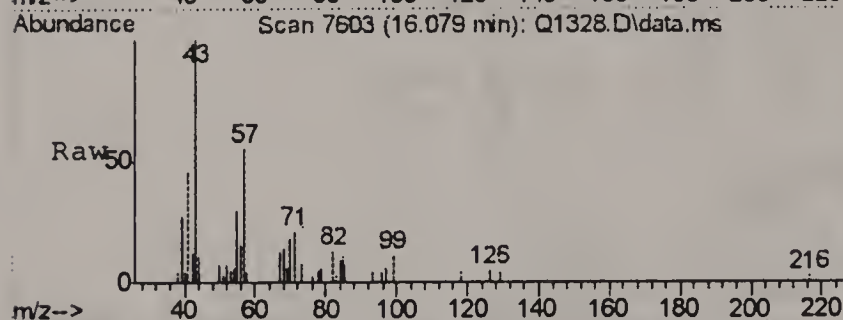
Tgt Ion:106 Resp: 21888
Ion Ratio Lower Upper
106 100
91 237.3 218.9 258.9
77 24.5 12.8 52.8





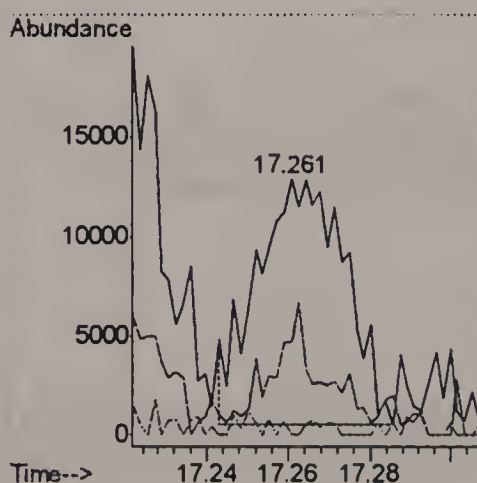
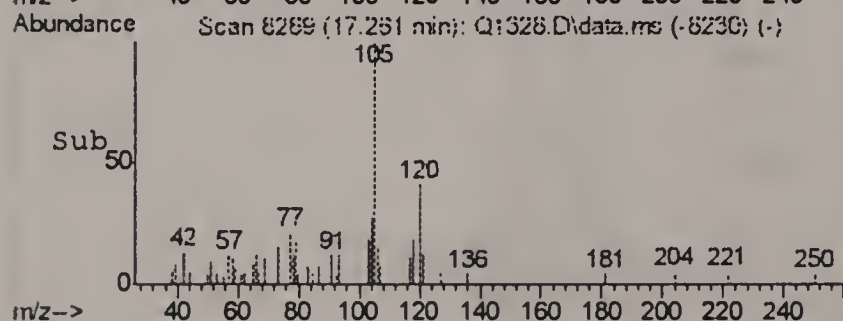
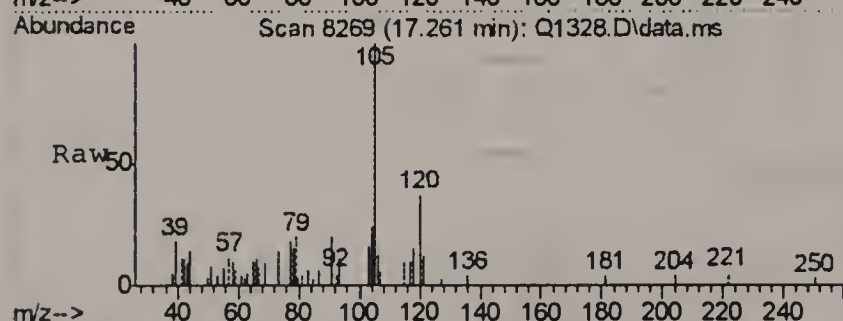
#59
NONANE
Concen: 0.21 PPBV
RT: 16.079 min Scan# 7603
Delta R.T. -0.047 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

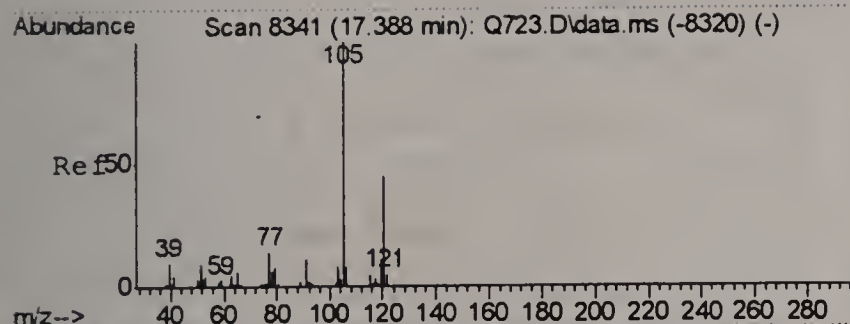
Tgt Ion	Ratio	Lower	Upper
43	100		
71	9.2	0.0	36.4
128	1.8	0.0	22.4



#65
4-ETHYLTOLUENE
Concen: 0.35 PPBV
RT: 17.261 min Scan# 8269
Delta R.T. -0.043 min
Lab File: Q1328.D
Acq: 8 Aug 2006 1:02 pm

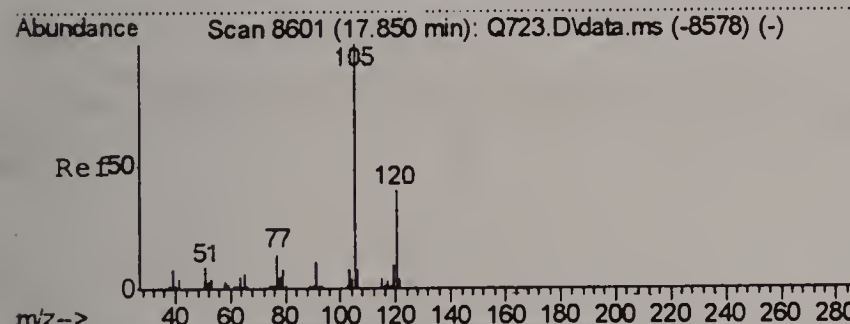
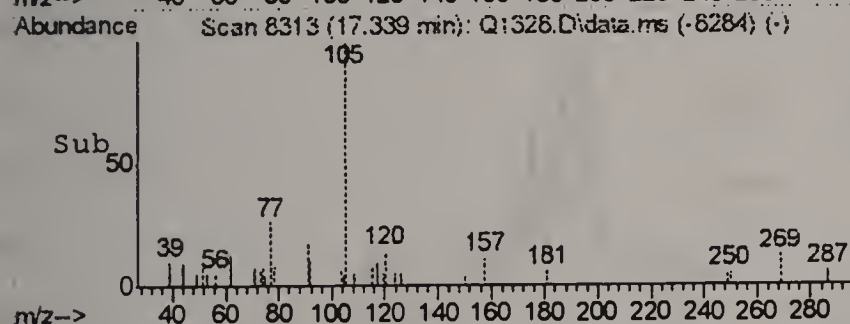
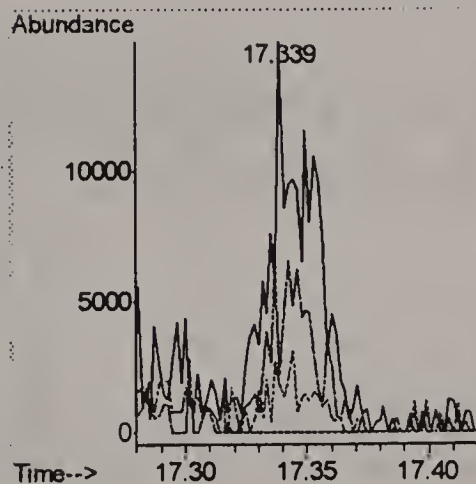
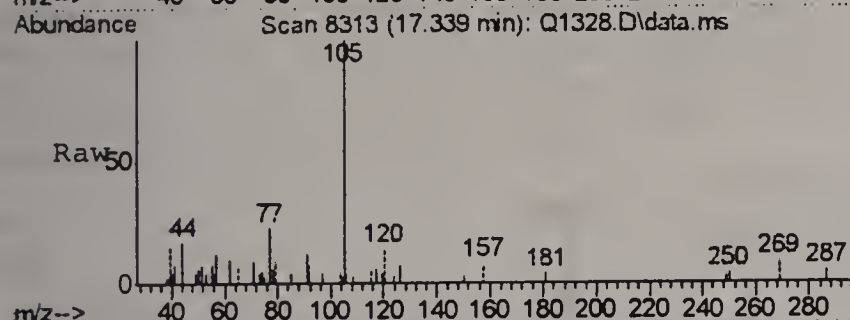
Tgt Ion	Ratio	Lower	Upper
105	100		
120	22.5	7.8	47.8
119	1.7	0.0	21.9





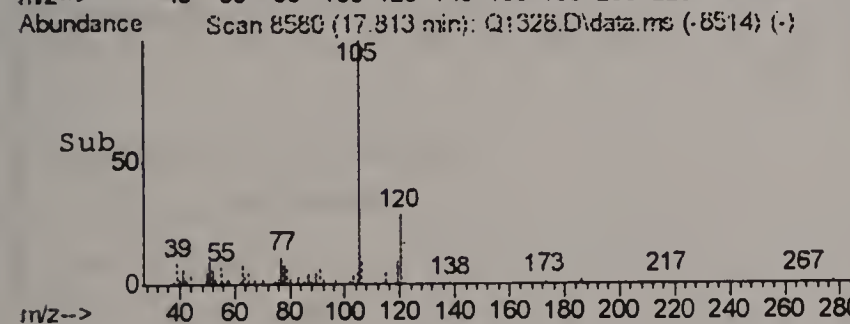
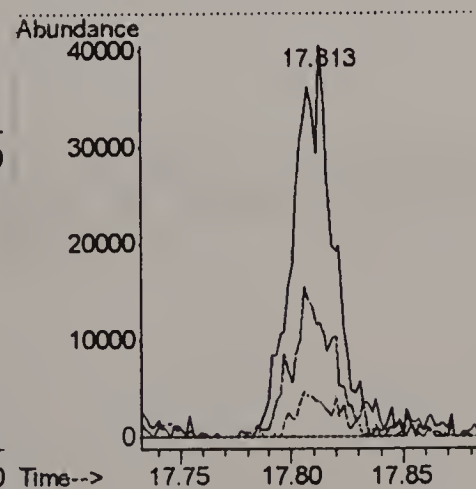
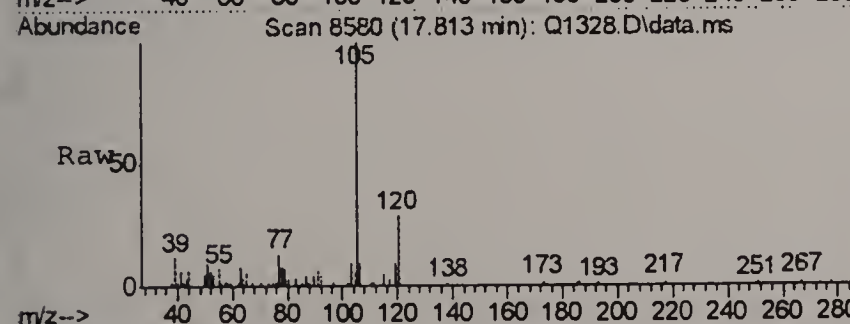
#66
 1,3,5-TRIMETHYLBENZENE
 Concen: 0.18 PPBV m
 RT: 17.339 min Scan# 8313
 Delta R.T. -0.051 min
 Lab File: Q1328.D
 Acq: 8 Aug 2006 1:02 pm

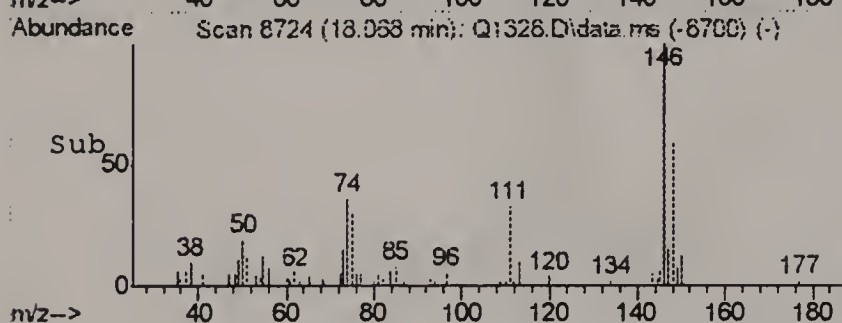
Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	24.5	64.5
91	5.6	0.0	32.1



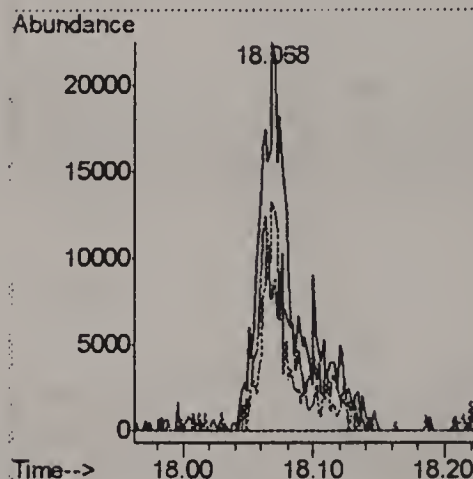
#67
 1,2,4-TRIMETHYLBENZENE
 Concen: 0.80 PPBV
 RT: 17.813 min Scan# 8580
 Delta R.T. -0.038 min
 Lab File: Q1328.D
 Acq: 8 Aug 2006 1:02 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	39.4	22.7	62.7
119	11.8	0.0	30.7





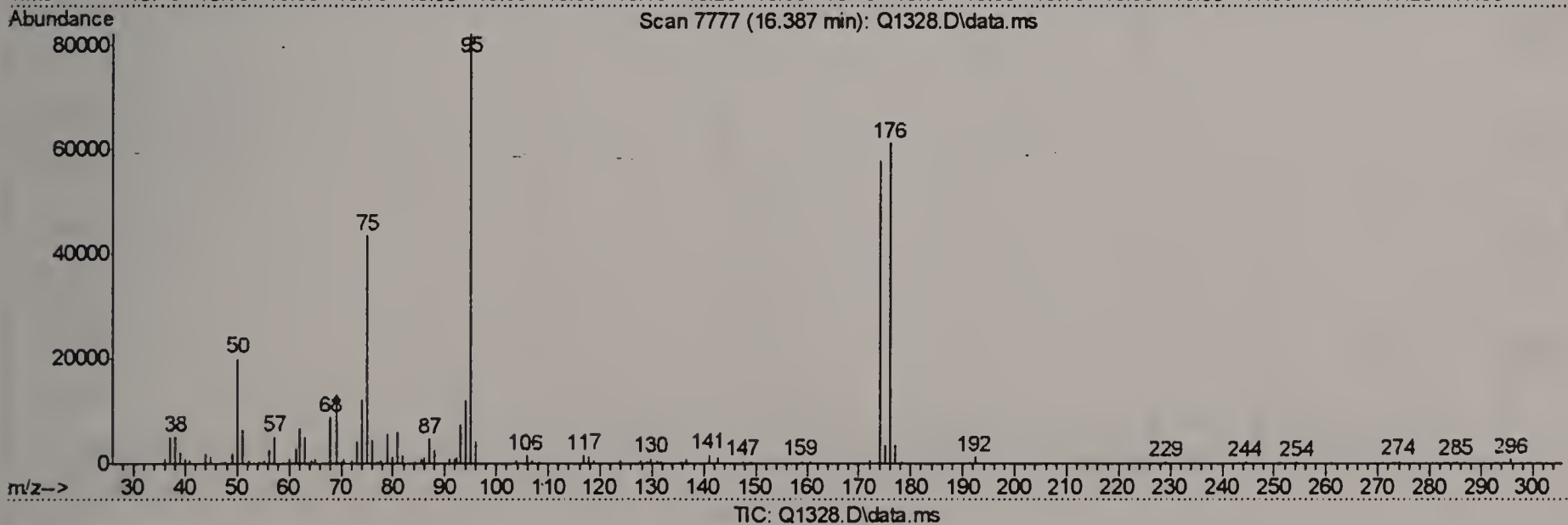
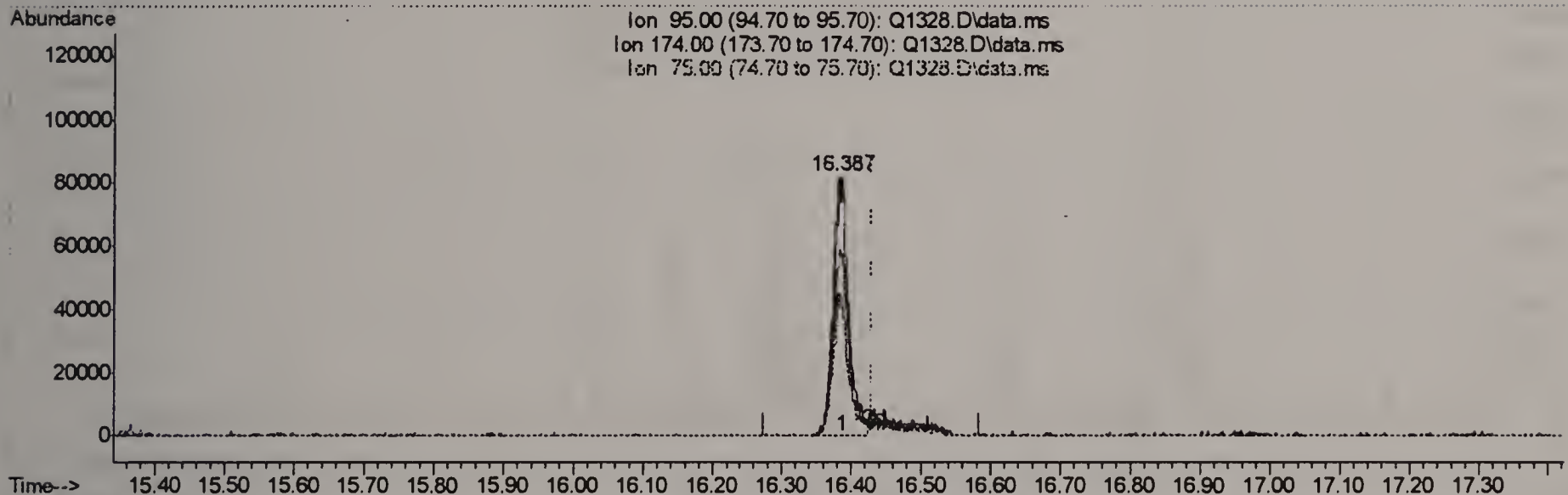
Tgt	Ion:146	Resp:	41545
Ion	Ratio	Lower	Upper
146	100		
148	47.2	43.5	83.5
111	33.6	22.4	62.4



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:39:01 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.387min (-0.043) 3.36PPBV

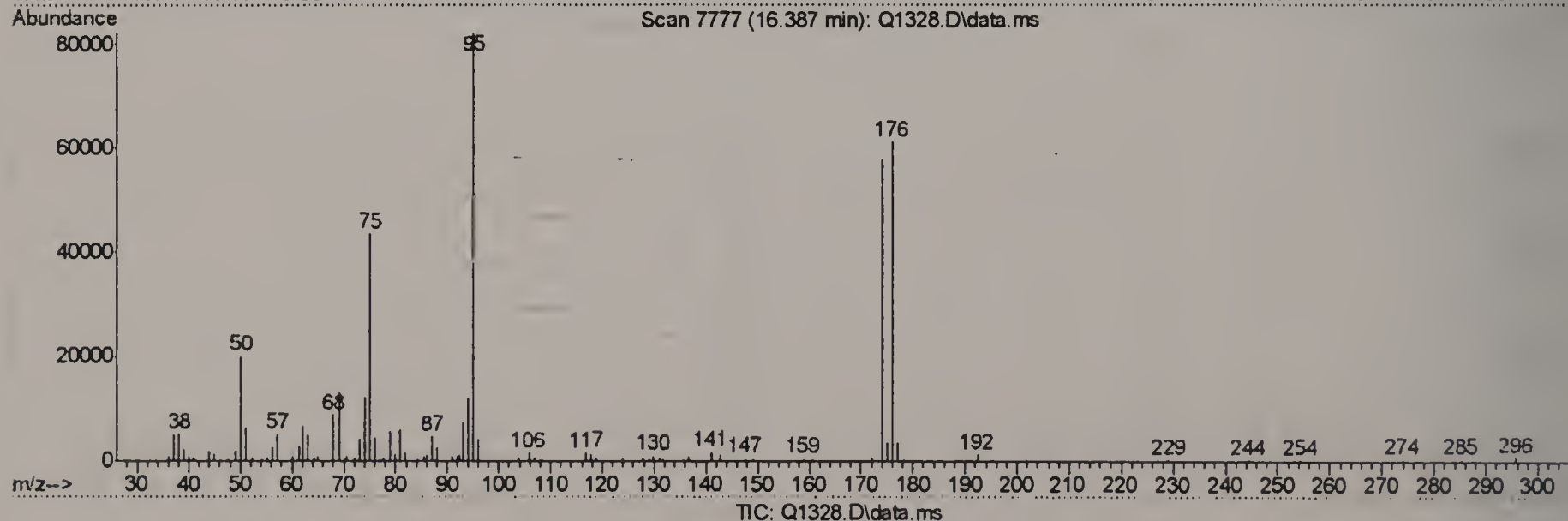
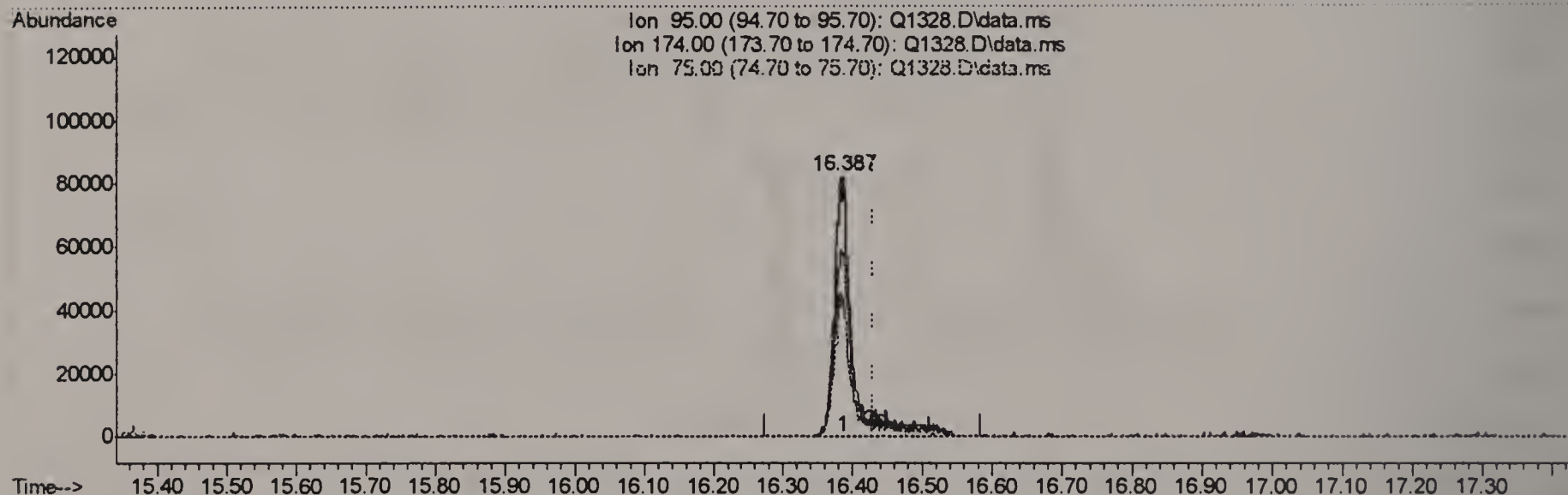
response 131913

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	71.68
75.00	52.30	57.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:39:01 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.387min (-0.043) 4.04PPBV m

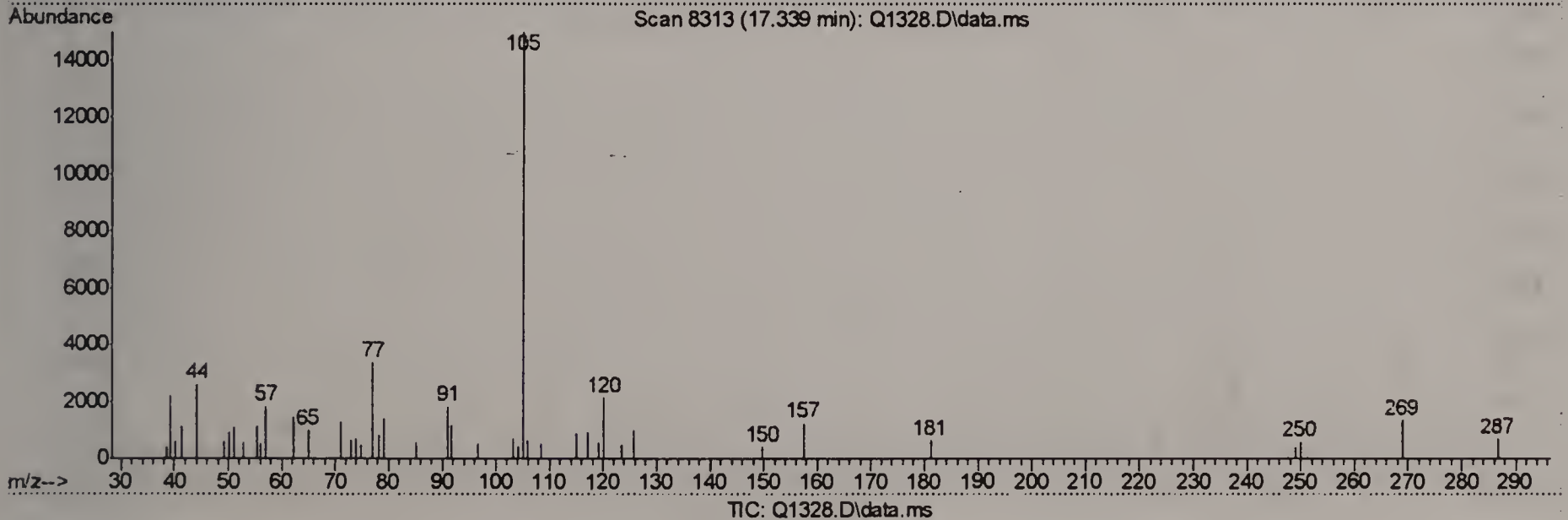
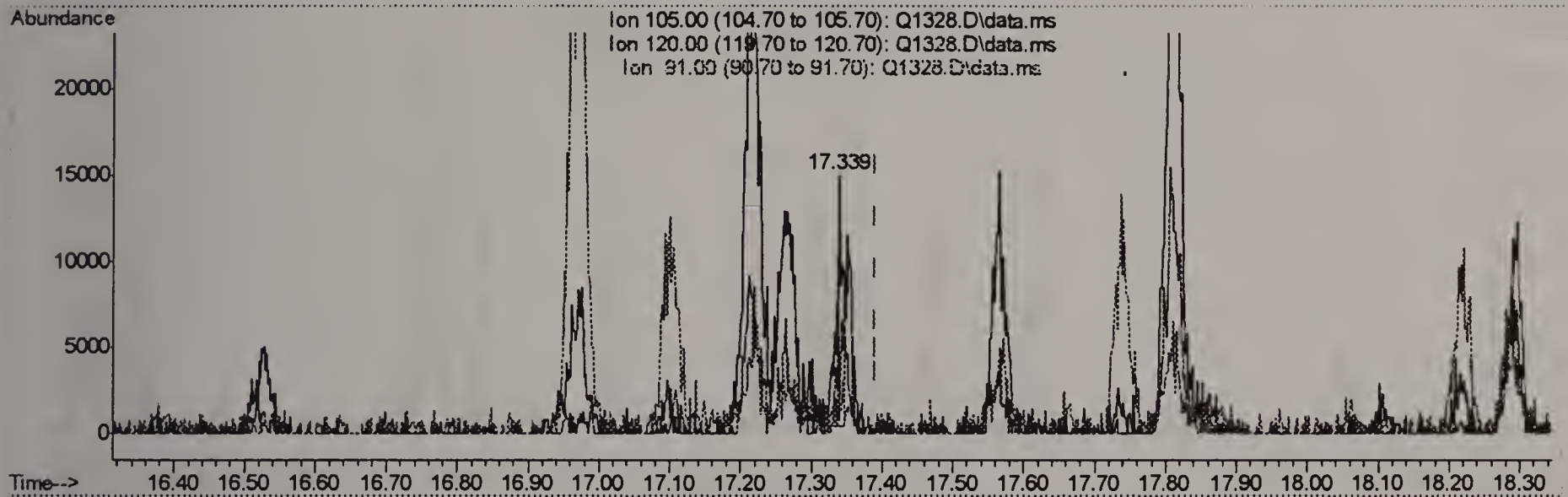
response 158546

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	59.64
75.00	52.30	47.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:39:01 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(66) 1,3,5-TRIMETHYLBENZENE (m)

17.339min (-0.051) 0.09PPBV

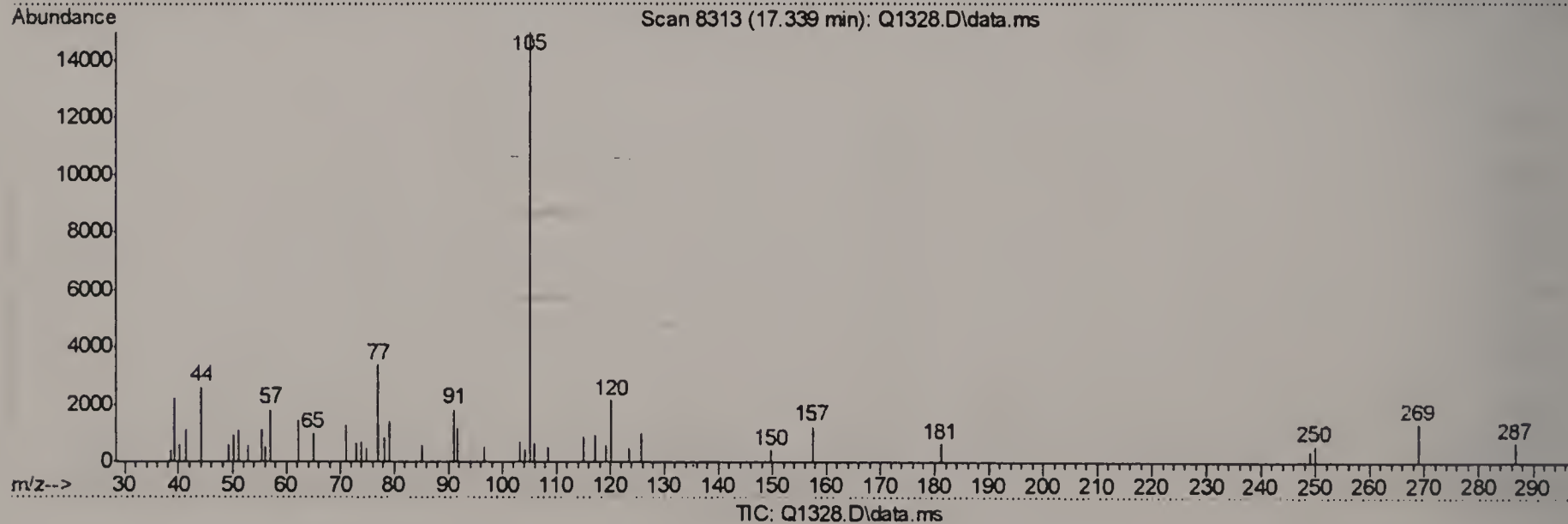
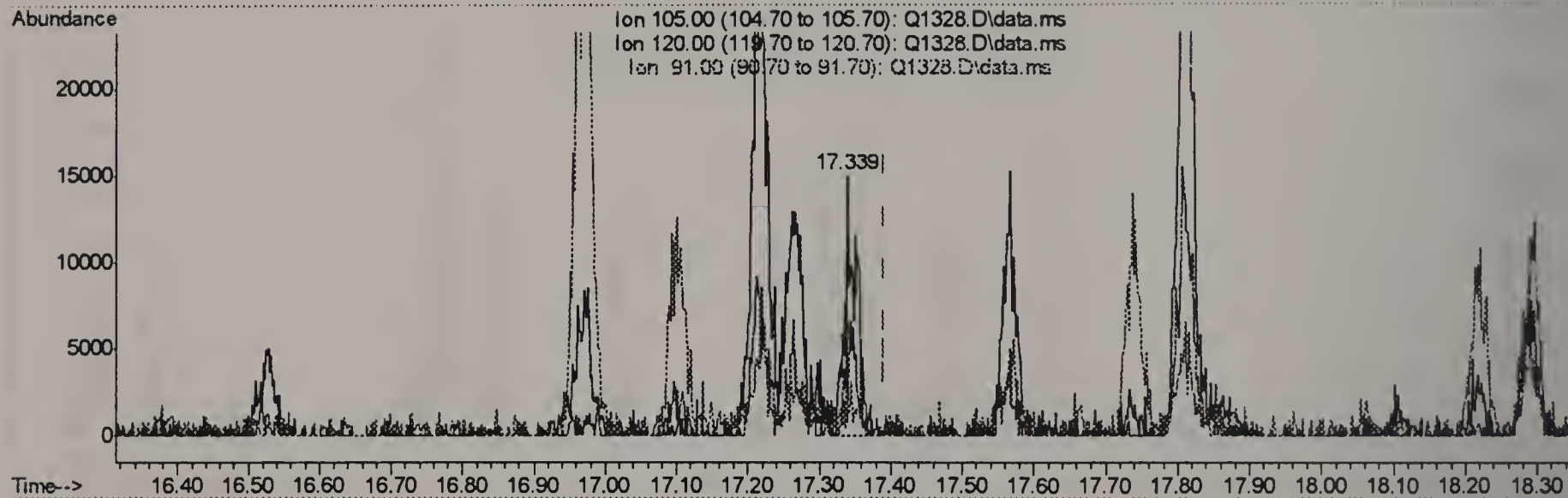
response 9380

Ion	Exp%	Act%
105.00	100	100
120.00	44.50	83.83#
91.00	12.10	10.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:39:01 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(66) 1,3,5-TRIMETHYLBENZENE (m)

17.339min (-0.051) 0.18PPBV m

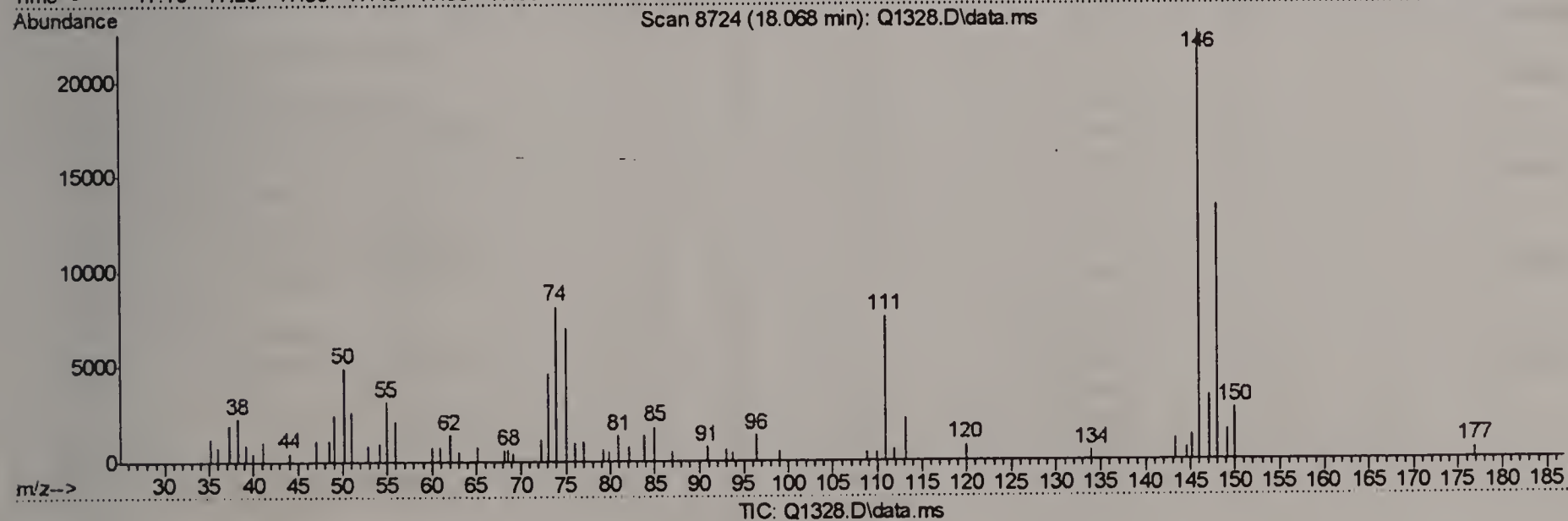
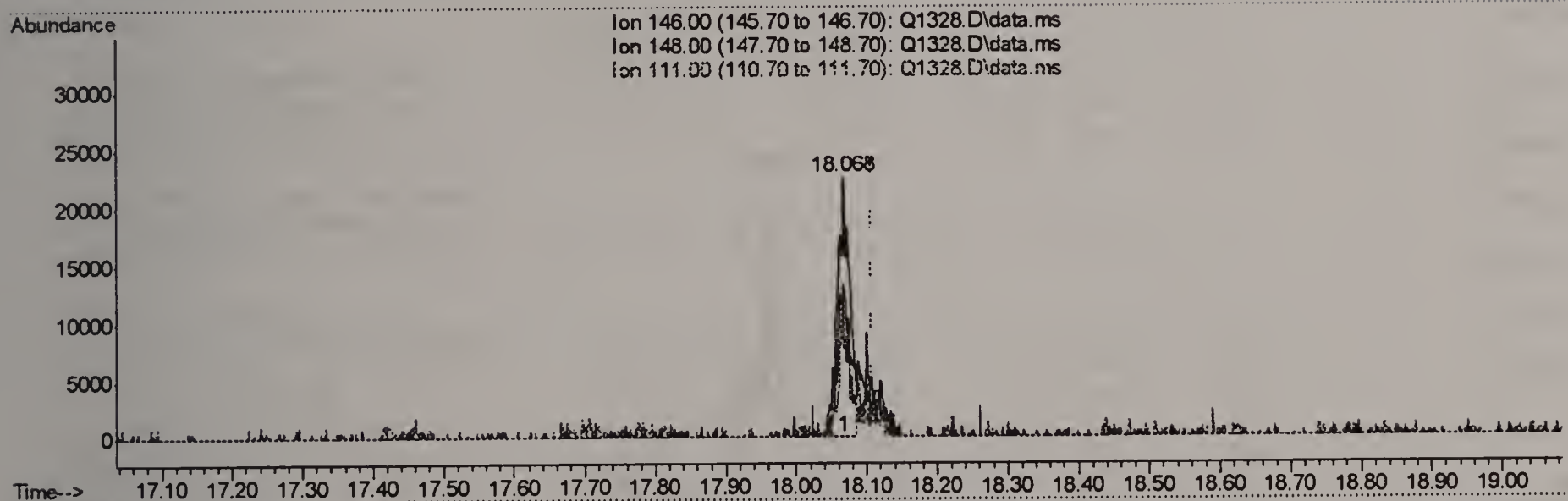
response 18081

Ion	Exp%	Act%
105.00	100	100
120.00	44.50	43.49
91.00	12.10	5.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:42:15 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.62PPBV

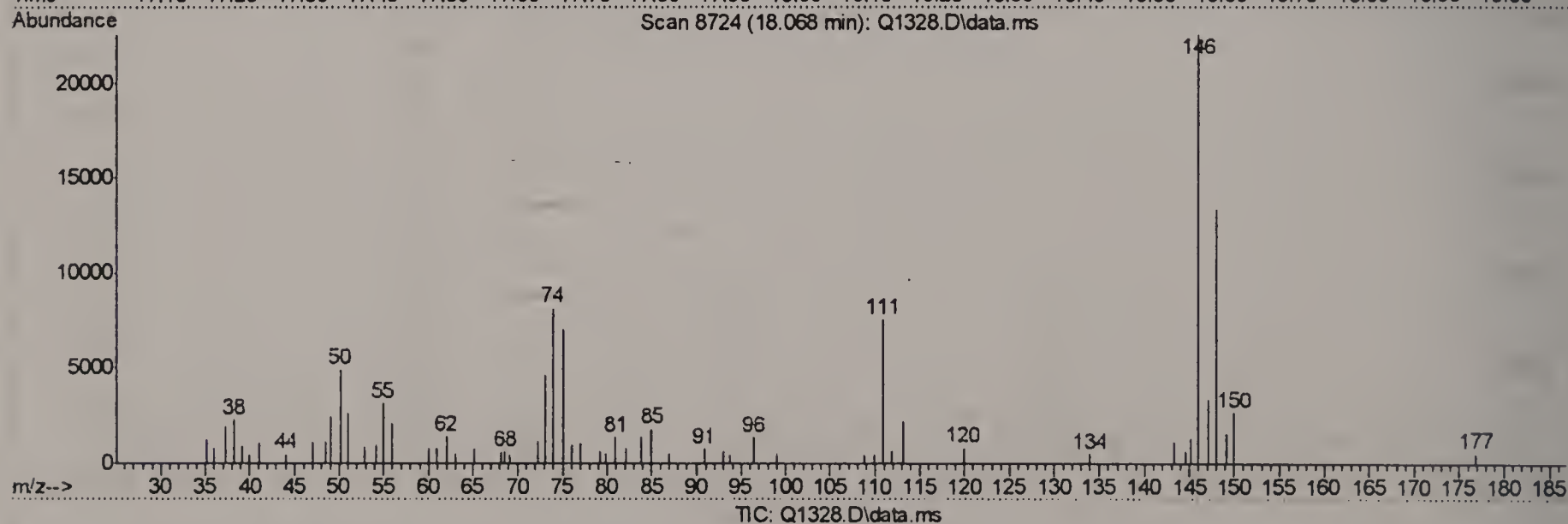
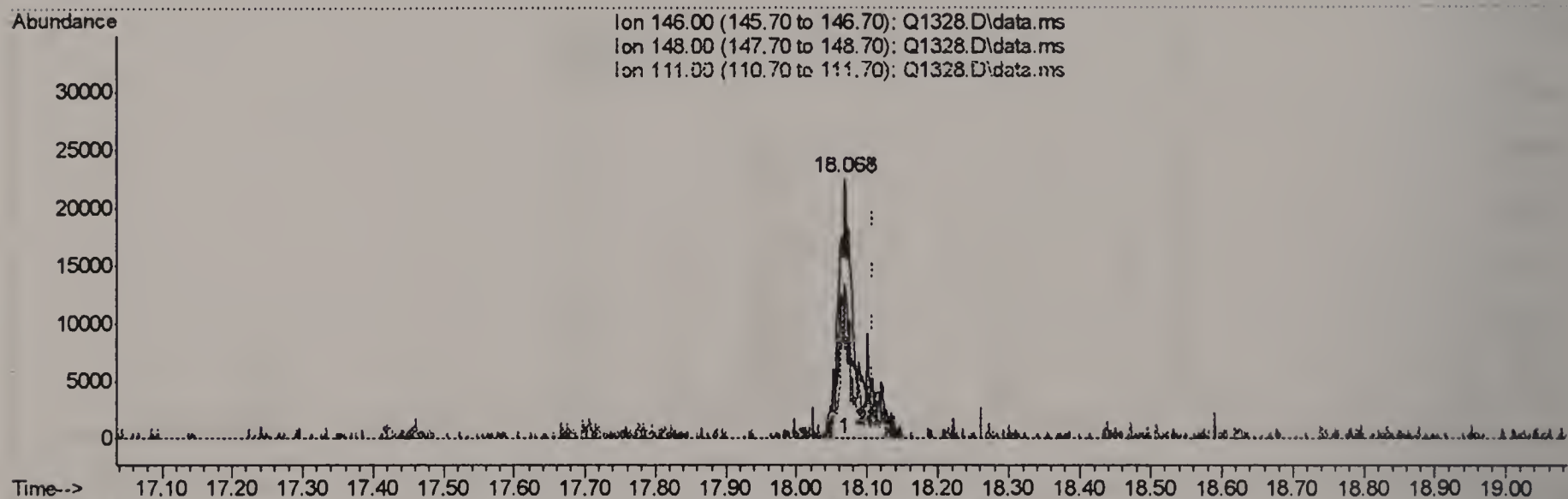
response 29232

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	67.03
111.00	42.40	47.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1328.D
 Acq On : 8 Aug 2006 1:02 pm
 Operator : PhilipB
 Sample : M58364-3 (M069)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 08 13:42:15 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

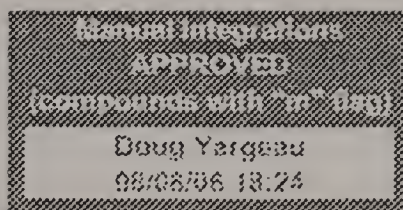


(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.89PPBV m

response 41545

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	47.17
111.00	42.40	33.61
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1329.D
Acq On : 8 Aug 2006 1:58 pm
Operator : PhilipB
Sample : M58364-4 (M138)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 14:30:28 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 14:26:39 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.685	128	482631	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1230406	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	792397	10.00	PPBV	-0.05

System Monitoring Compounds						
61) 4-BROMOFLUOROBENZENE	16.384	95	170882m	4.30	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	86.00%

Target Compounds						Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	122719	0.61	PPBV	99
3) PROPYLENE	4.001	41	248869	7.70	PPBV #	49
5) CHLOROMETHANE	4.212	50	32142	0.63	PPBV	87
10) TRICHLOROFLUOROMETHANE	5.822	101	133589	0.55	PPBV #	27
11) ISOPROPYL ALCOHOL	5.868	45	622900	10.72	PPBV	85
12) ACETONE	5.623	43	2691906	32.60	PPBV	90
13) PENTANE	6.184	42	165682	3.18	PPBV	84
15) CARBON DISULFIDE	6.906	76	29246	0.21	PPBV	81
16) ETHANOL	5.133	45	4246634	240.36	PPBV	94
18) METHYLENE CHLORIDE	6.589	84	23854	0.41	PPBV #	75
23) METHYL TERTIARY BUTYL ...	7.758	73	224662	1.71	PPBV	80
25) HEXANE	8.713	57	121299	1.44	PPBV #	78
28) METHYL ETHYL KETONE	8.085	43	226221	2.16	PPBV	96
31) CHLOROFORM	8.804	83	56363	0.37	PPBV	91
32) 1,1,1-TRICHLOROETHANE	9.760	97	10702m	0.11	PPBV	
33) CARBON TETRACHLORIDE	10.350	117	12567	0.11	PPBV #	19
36) BENZENE	10.206	78	105297	1.00	PPBV	93
37) CYCLOHEXANE	10.467	84	28422	0.59	PPBV #	1
41) 2,2,4-TRIMETHYLPENTANE	11.224	57	133182	0.69	PPBV	81
43) HEPTANE	11.464	43	65219	1.02	PPBV	87
44) METHYL ISOBUTYL KETONE	12.043	43	23205	0.31	PPBV	89
46) TOLUENE	12.980	92	383836	6.55	PPBV	99
51) TETRACHLOROETHYLENE	14.114	164	62251	1.50	PPBV	97
55) ETHYLBENZENE	15.189	91	314276	2.89	PPBV	96
56) m,p-XYLENE	15.358	106	252785	6.23	PPBV	88
57) o-XYLENE	15.880	106	71063	1.75	PPBV	97
58) STYRENE	15.770	104	14678	0.32	PPBV	90
59) NONANE	16.080	43	55727	0.62	PPBV	89
65) 4-ETHYLTOLUENE	17.262	105	56419	0.82	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.342	105	36923	0.36	PPBV	93
67) 1,2,4-TRIMETHYLBENZENE	17.809	105	99831	1.37	PPBV	98
70) p-DICHLOROBENZENE	18.070	146	239291	5.06	PPBV	85

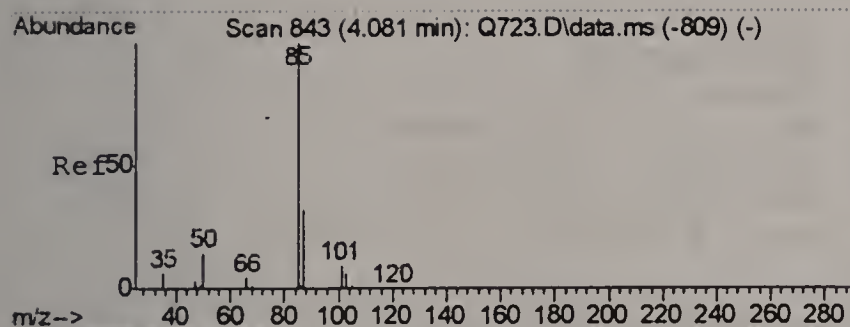
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1329.D
 Acq On : 8 Aug 2006 1:58 pm
 Operator : PhilipB
 Sample : M58364-4 (M138)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 8 Sample Multiplier: 1

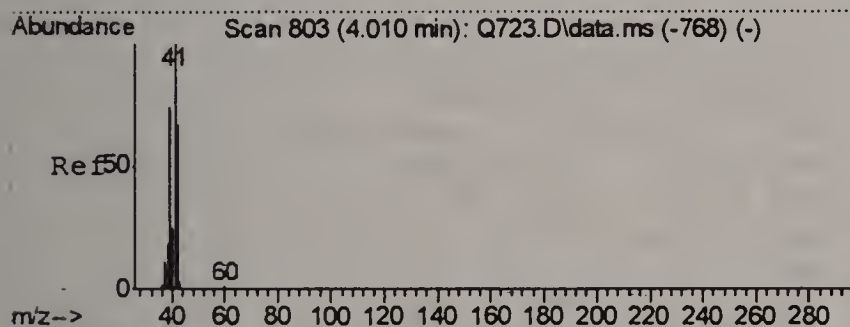
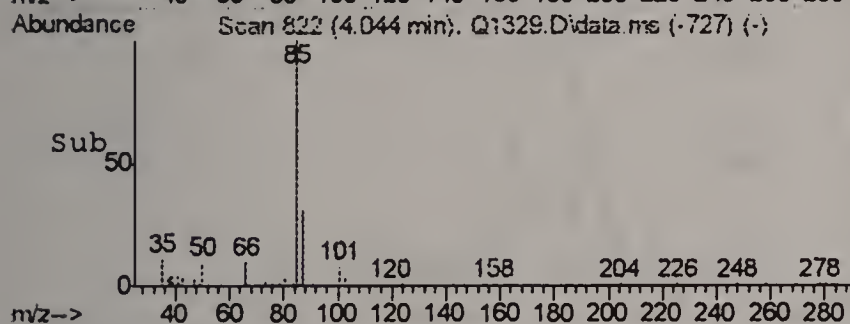
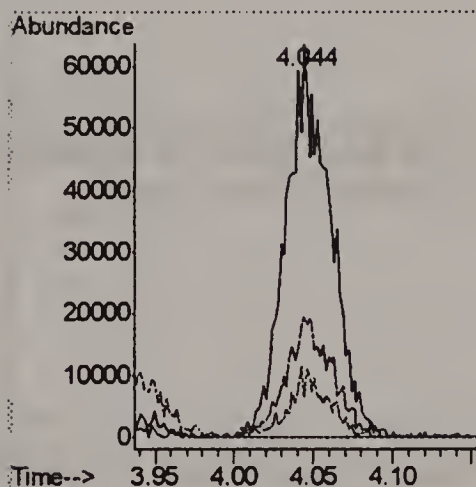
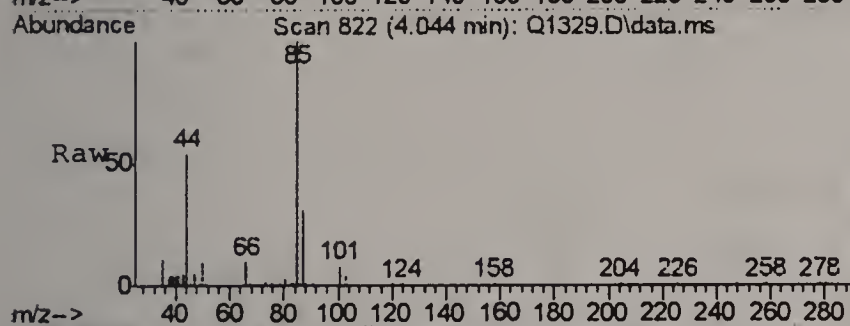
Quant Time: Aug 08 14:30:28 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 14:26:39 2006
 Response via : Initial Calibration





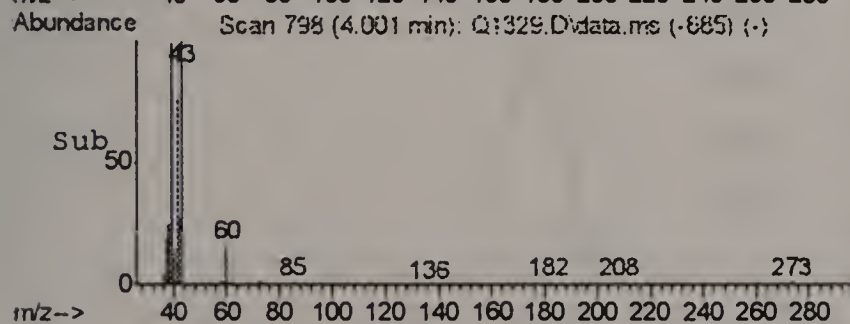
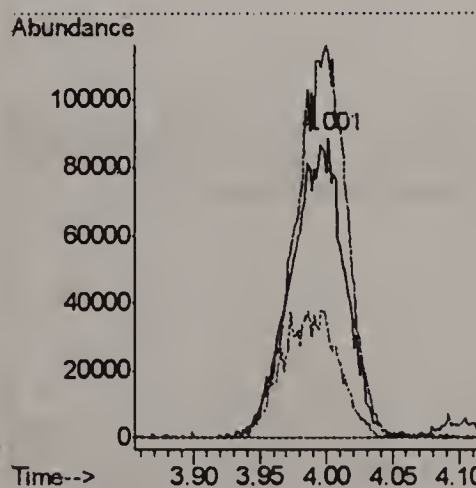
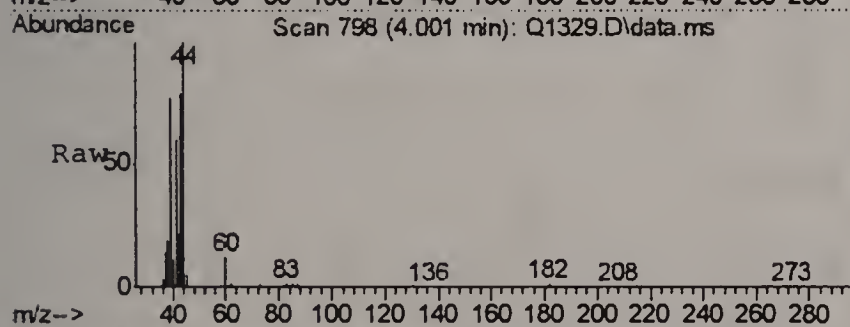
#2
DICHLORODIFLUOROMETHANE
Concen: 0.61 PPBV
RT: 4.044 min Scan# 822
Delta R.T. -0.037 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

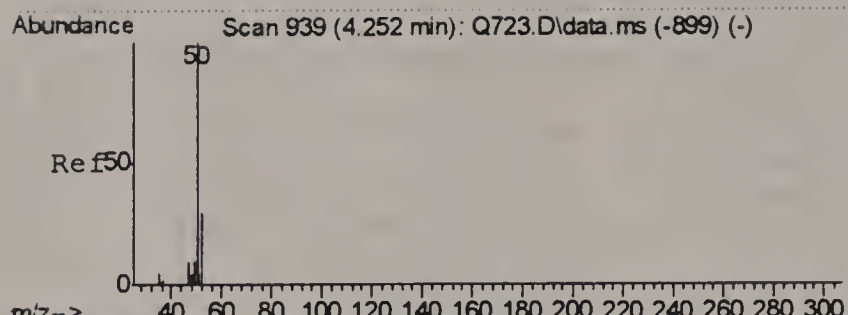
Tgt Ion	Resp	Lower	Upper
85	122719		
87	32.4	11.9	51.9
50	14.9	0.0	35.5



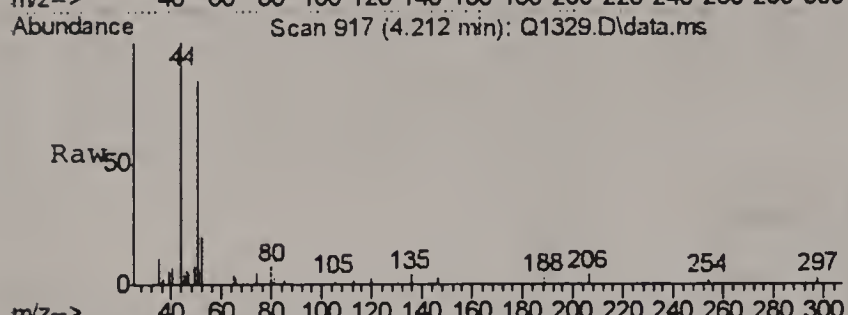
#3
PROPYLENE
Concen: 7.70 PPBV
RT: 4.001 min Scan# 798
Delta R.T. -0.005 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

Tgt Ion	Resp	Lower	Upper
41	248869		
39	128.0	55.3	95.3#
42	35.2	46.8	86.8#

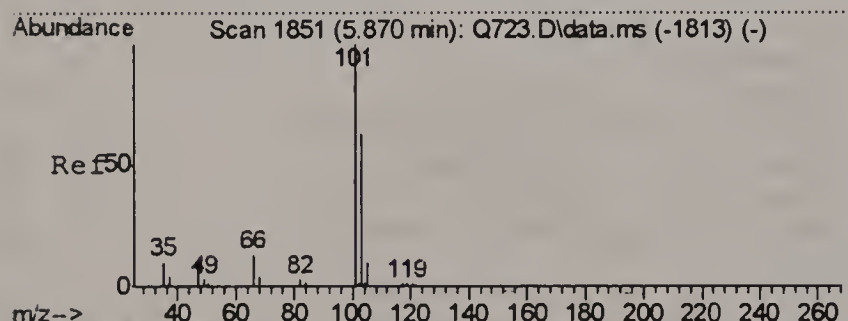
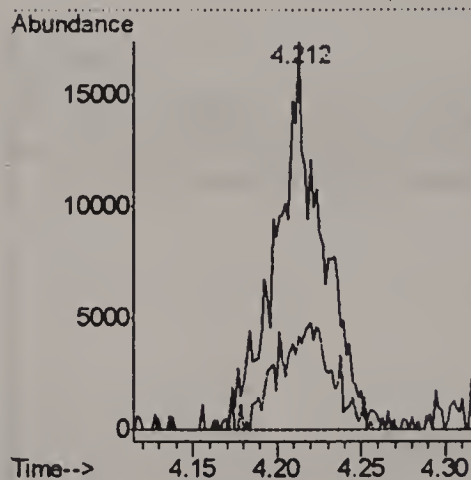
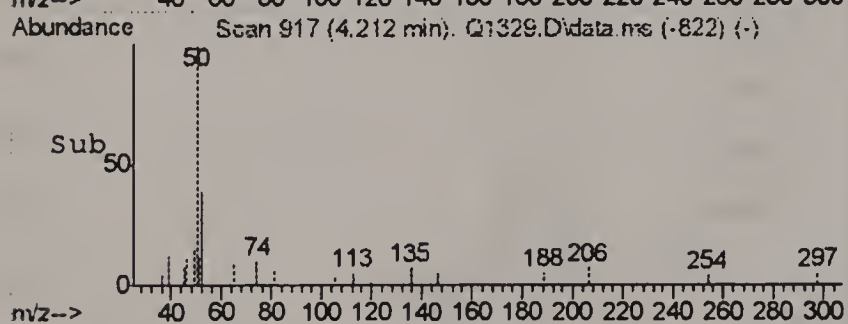




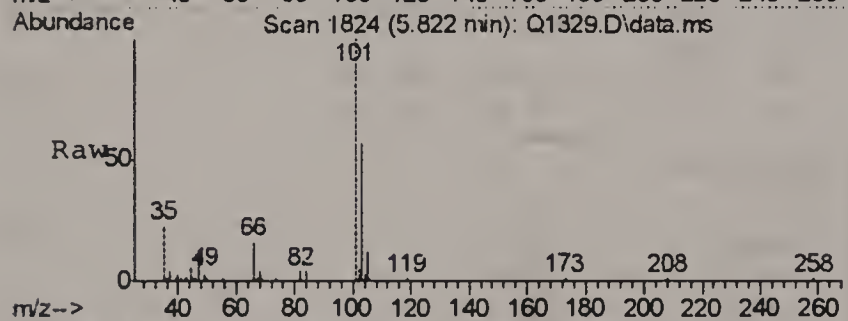
#5
CHLOROMETHANE
Concen: 0.63 PPBV
RT: 4.212 min Scan# 917
Delta R.T. -0.037 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



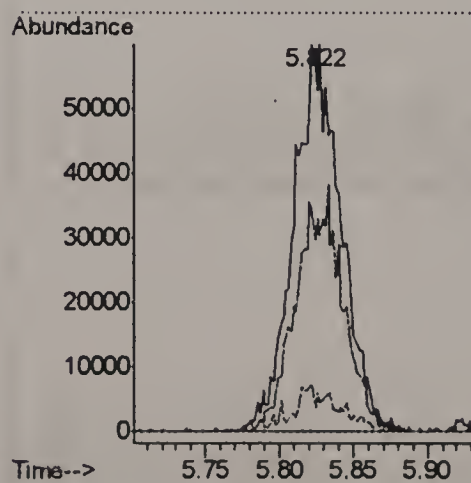
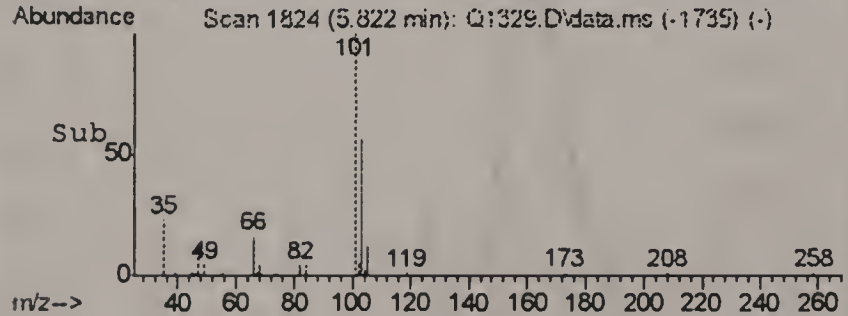
Tgt Ion: 50 Resp: 32142
Ion Ratio Lower Upper
50 100
52 22.8 9.7 49.7

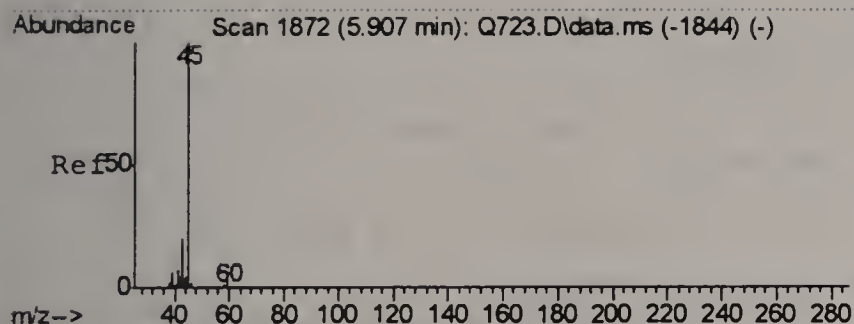


#10
TRICHLOROFLUOROMETHANE
Concen: 0.55 PPBV
RT: 5.822 min Scan# 1824
Delta R.T. -0.048 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



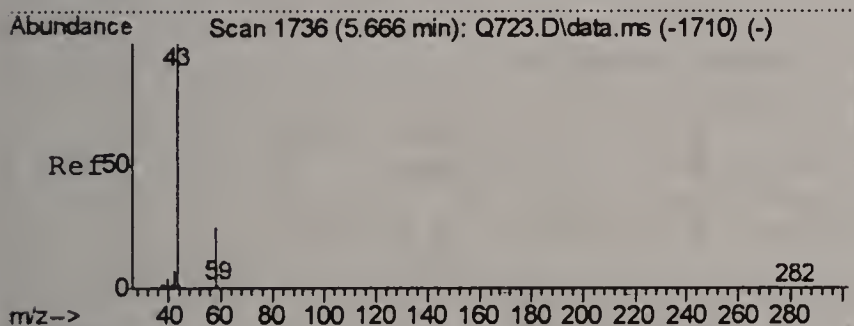
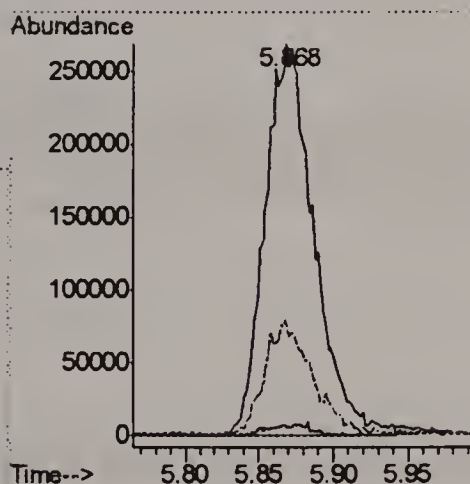
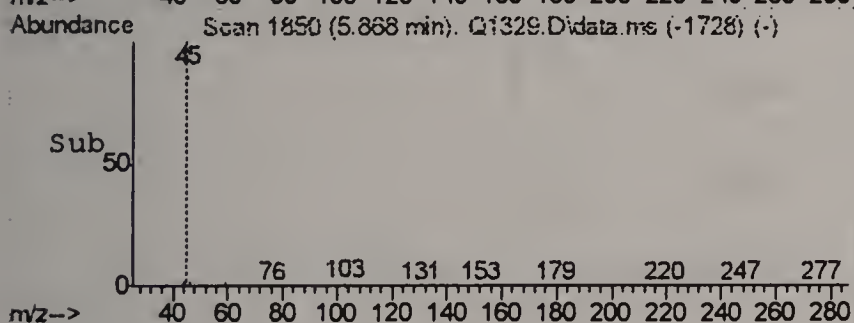
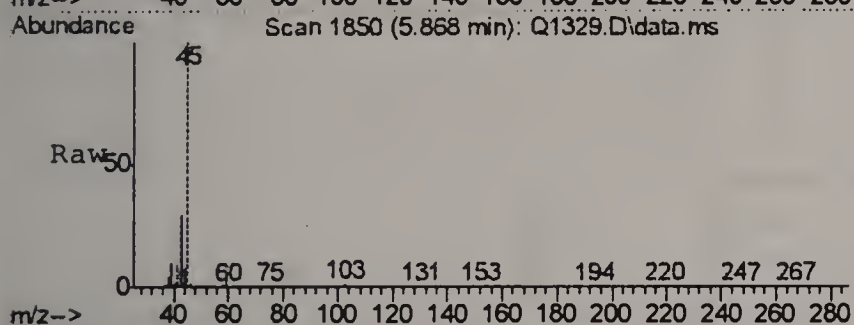
Tgt Ion: 101 Resp: 133589
Ion Ratio Lower Upper
101 100
103 0.0 44.3 84.3#
105 4.3 0.0 30.4





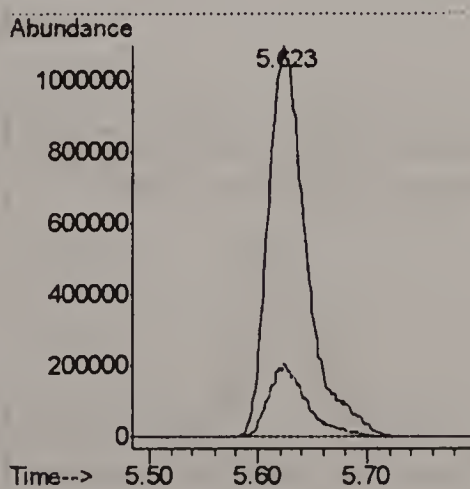
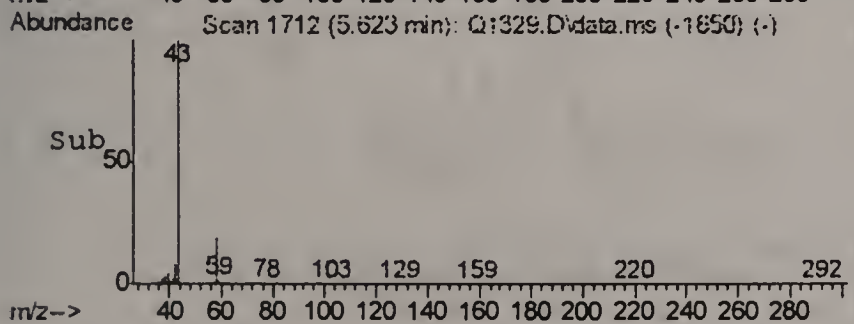
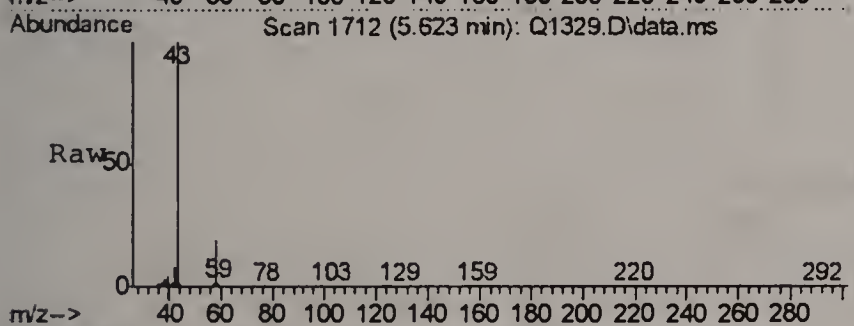
#11
ISOPROPYL ALCOHOL
Concen: 10.72 PPBV
RT: 5.868 min Scan# 1850
Delta R.T. -0.042 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

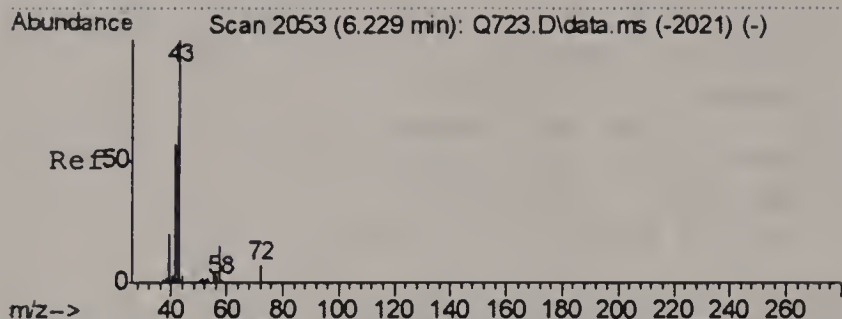
Tgt Ion	Ratio	Lower	Upper
45	100		
59	2.6	0.0	23.5
43	29.8	1.6	41.6



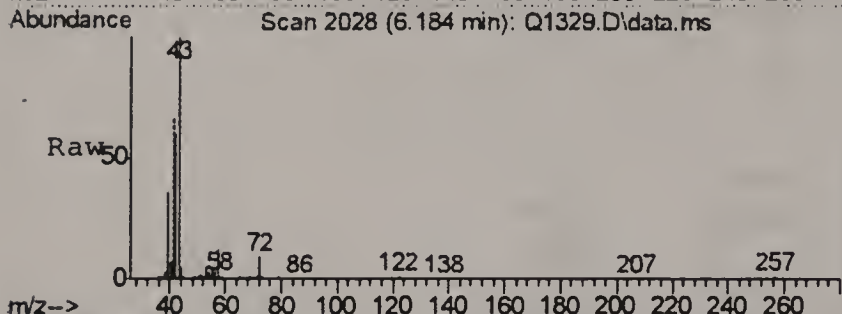
#12
ACETONE
Concen: 32.60 PPBV
RT: 5.623 min Scan# 1712
Delta R.T. -0.046 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
58	18.9	4.1	44.1

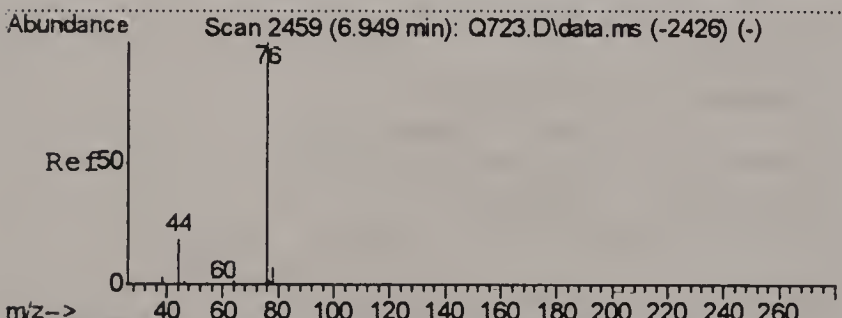
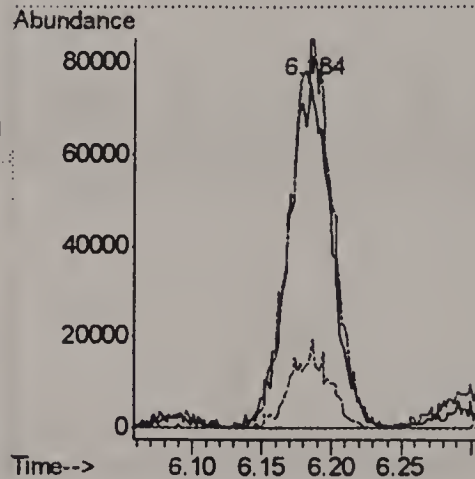
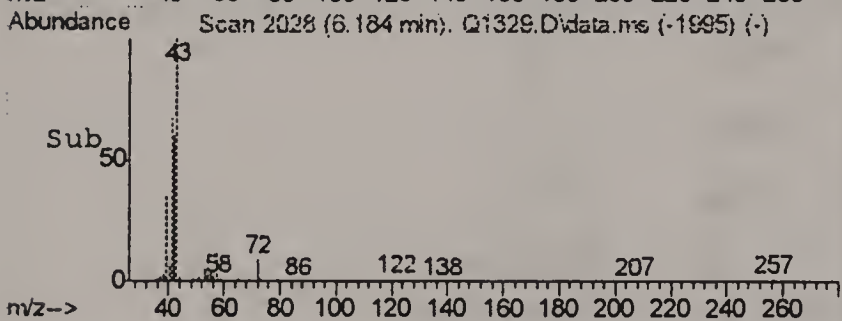




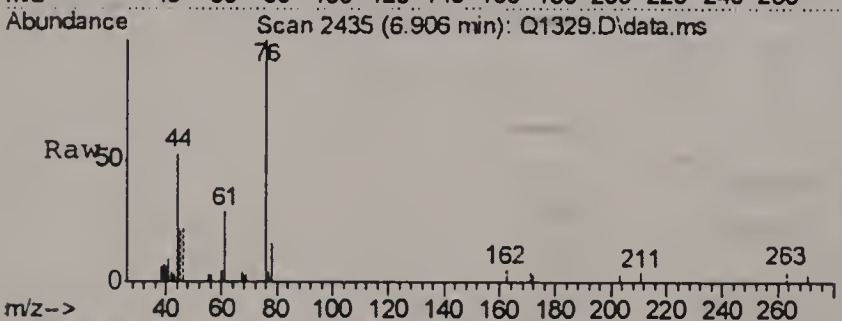
#13
PENTANE
Concen: 3.18 PPBV
RT: 6.184 min Scan# 2028
Delta R.T. -0.044 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



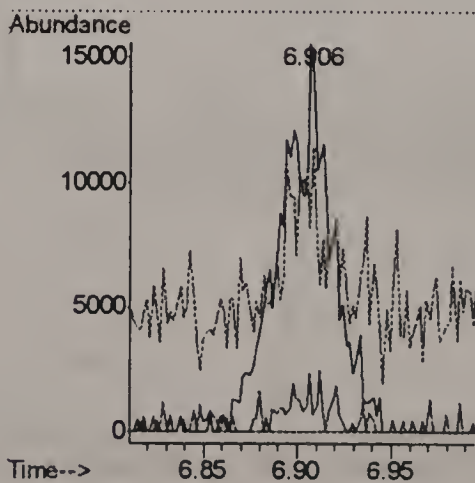
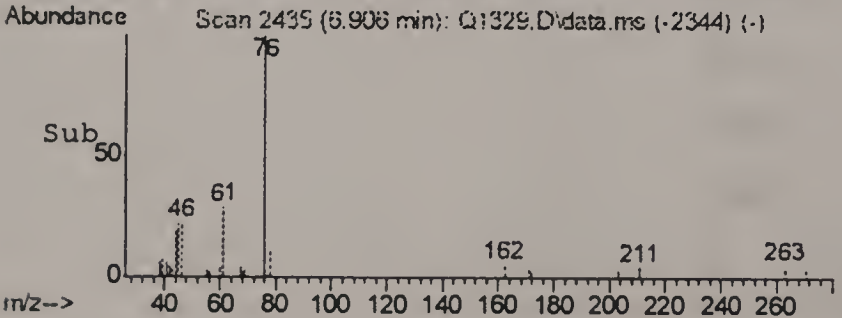
Tgt Ion: 42 Resp: 165682
Ion Ratio Lower Upper
42 100
41 111.4 72.2 112.2
57 21.5 1.9 41.9

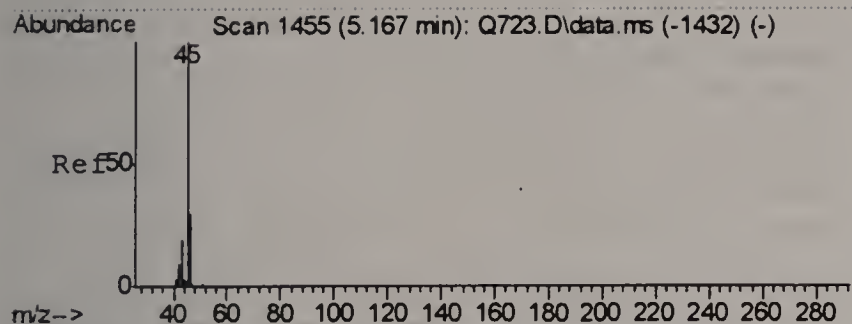


#15
CARBON DISULFIDE
Concen: 0.21 PPBV
RT: 6.906 min Scan# 2435
Delta R.T. -0.044 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



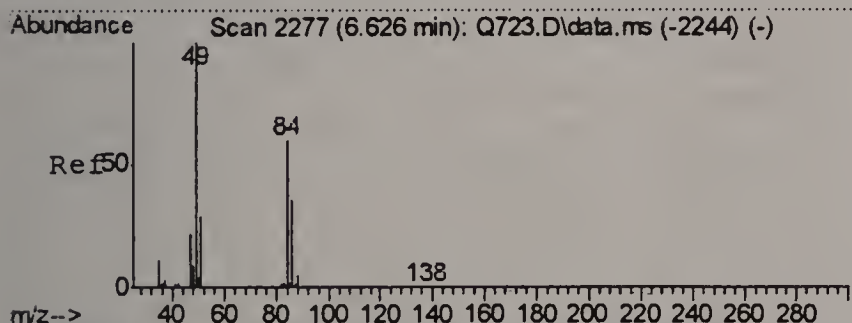
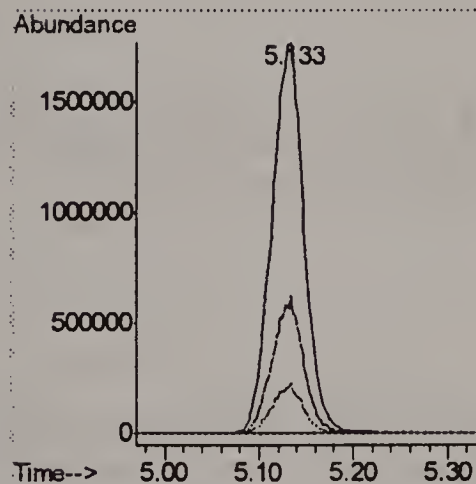
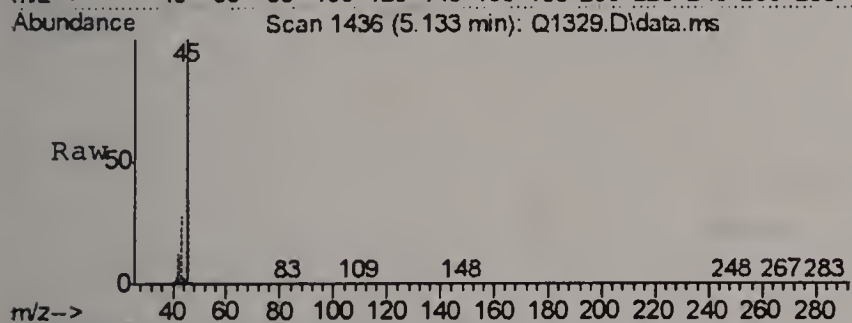
Tgt Ion: 76 Resp: 29246
Ion Ratio Lower Upper
76 100
78 7.1 0.0 29.1
44 33.3 1.5 41.5





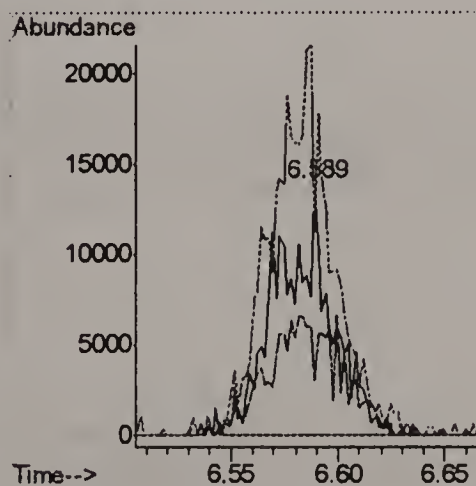
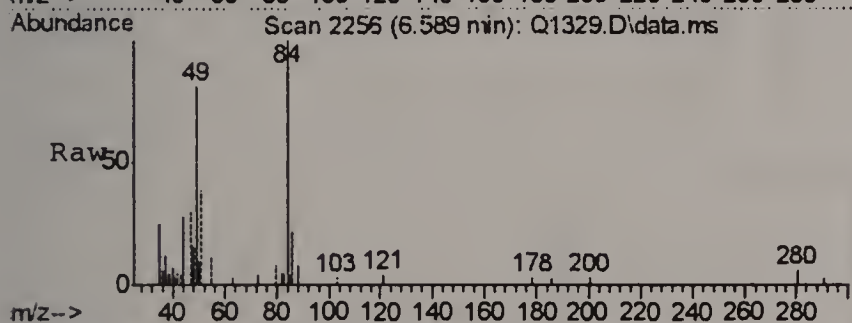
#16
ETHANOL
Concen: 240.36 PPBV
RT: 5.133 min Scan# 1436
Delta R.T. -0.043 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

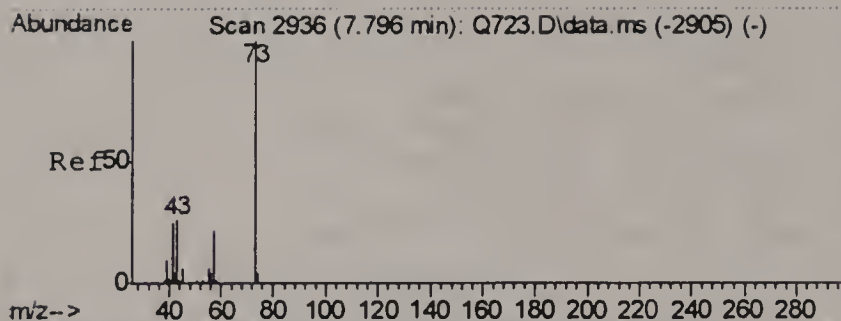
Tgt Ion: 45 Resp: 4246634
Ion Ratio Lower Upper
45 100
46 33.6 16.4 56.4
42 12.0 0.0 28.8



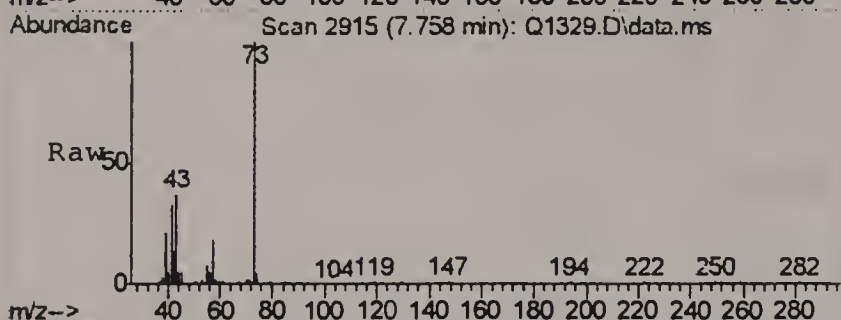
#18
METHYLENE CHLORIDE
Concen: 0.41 PPBV
RT: 6.589 min Scan# 2256
Delta R.T. -0.037 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

Tgt Ion: 84 Resp: 23854
Ion Ratio Lower Upper
84 100
86 35.8 44.6 84.6#
49 169.0 0.7 400.7

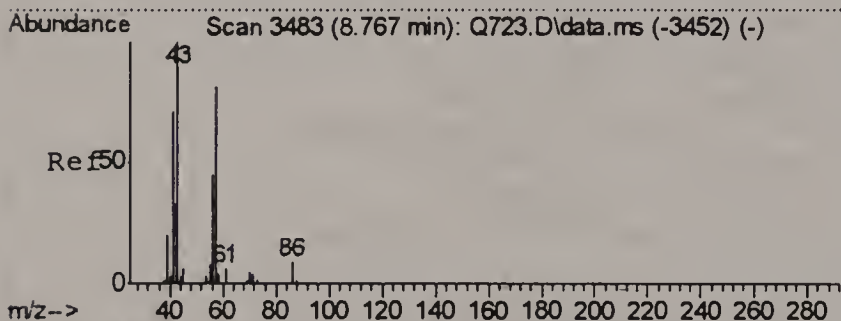
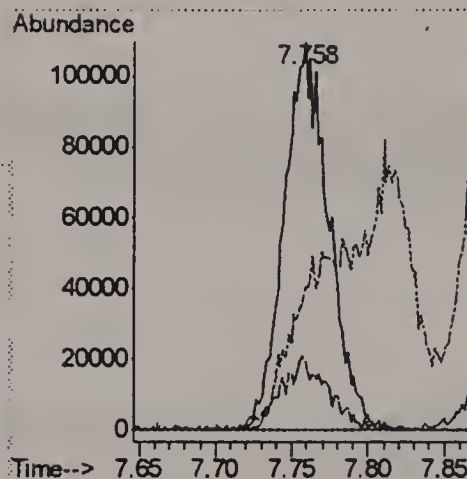
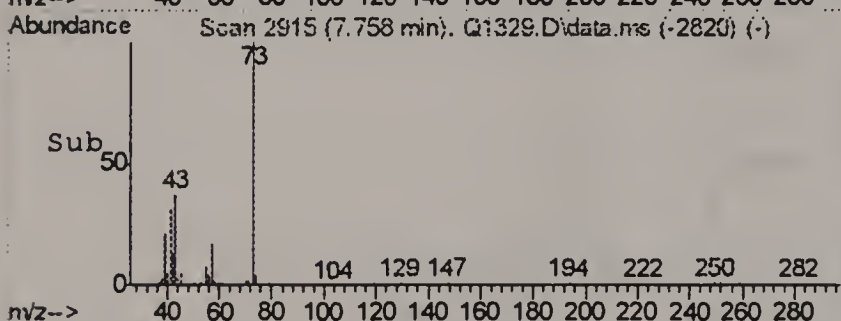




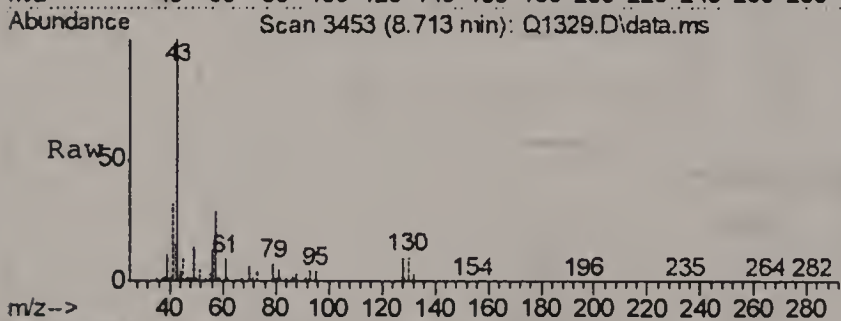
#23
METHYL TERTIARY BUTYL ETHER
Concen: 1.71 PPBV
RT: 7.758 min Scan# 2915
Delta R.T. -0.037 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



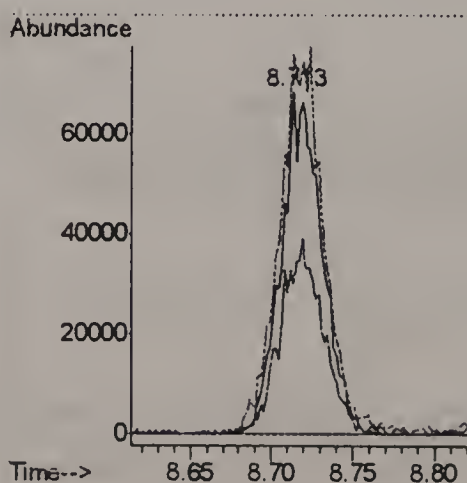
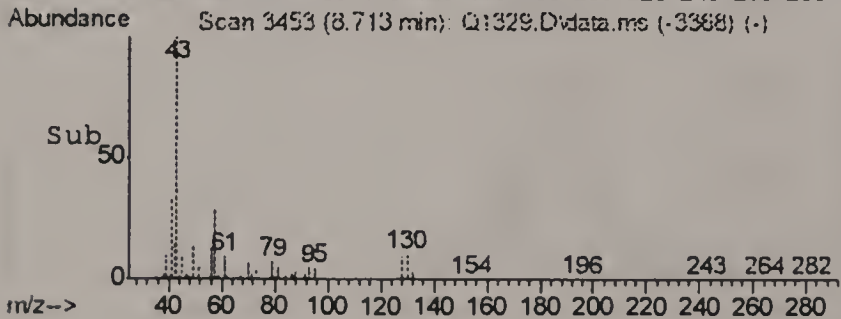
Tgt Ion: 73 Resp: 224662
Ion Ratio Lower Upper
73 100
57 19.3 4.1 44.1
43 44.3 9.0 49.0

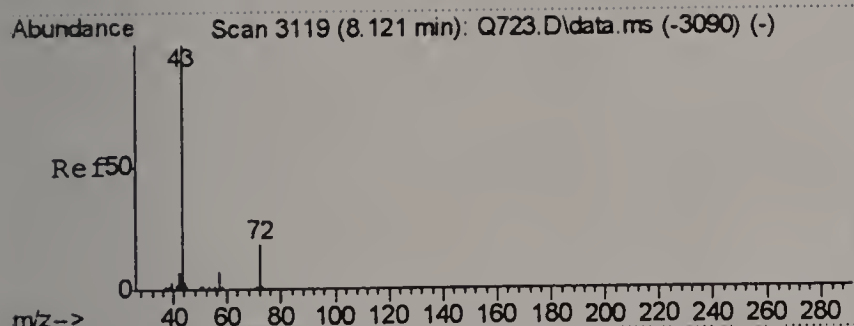


#25
HEXANE
Concen: 1.44 PPBV
RT: 8.713 min Scan# 3453
Delta R.T. -0.055 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



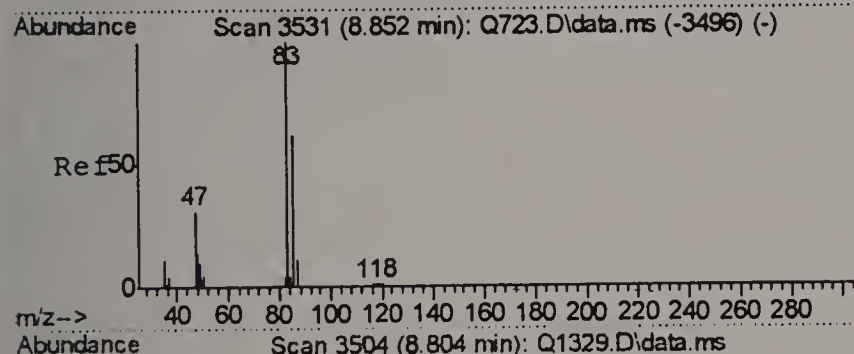
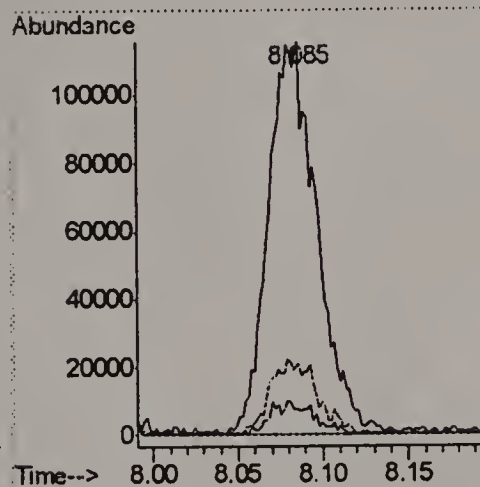
Tgt Ion: 57 Resp: 121299
Ion Ratio Lower Upper
57 100
56 58.8 35.6 75.6
41 122.6 71.4 111.4#





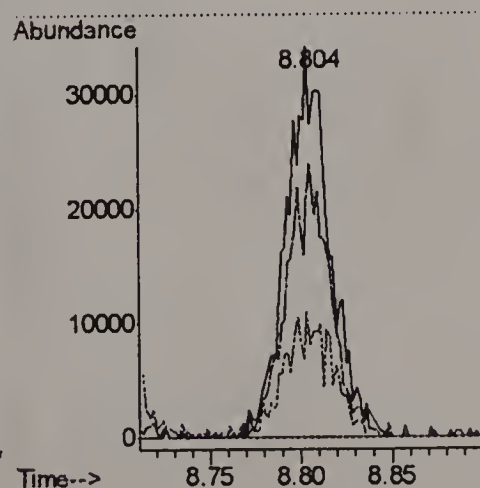
#28
METHYL ETHYL KETONE
Concen: 2.16 PPBV
RT: 8.085 min Scan# 3099
Delta R.T. -0.034 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

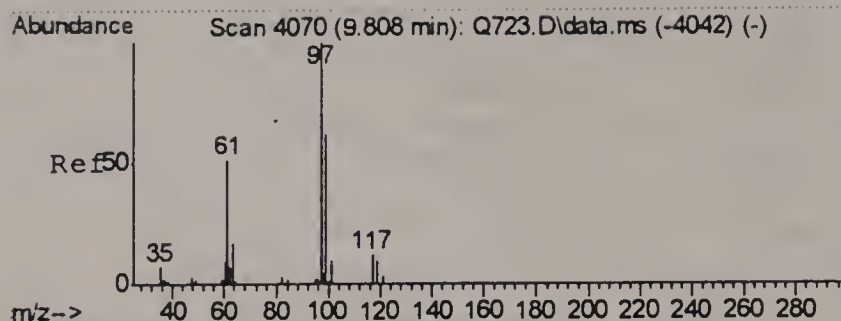
Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.4	0.0	26.7
72	18.2	0.0	36.0



#31
CHLOROFORM
Concen: 0.37 PPBV
RT: 8.804 min Scan# 3504
Delta R.T. -0.050 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

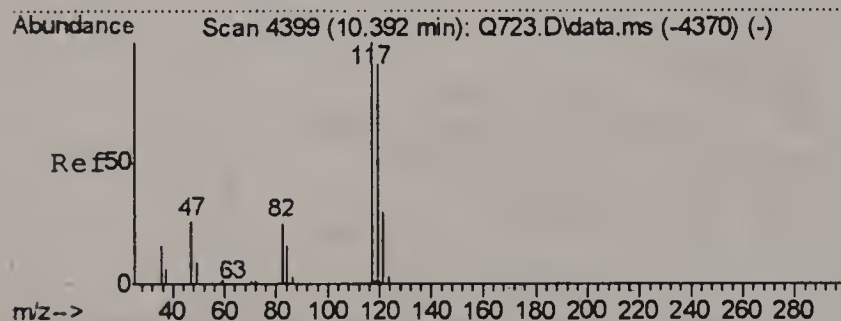
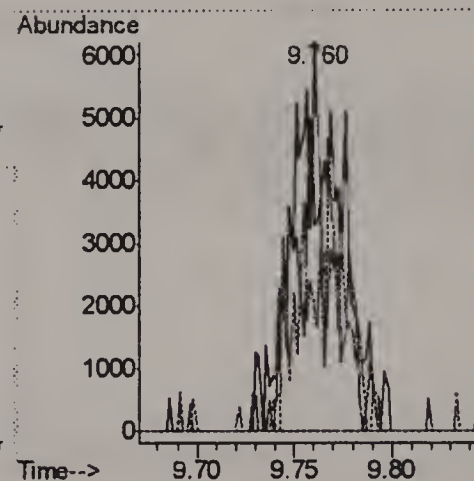
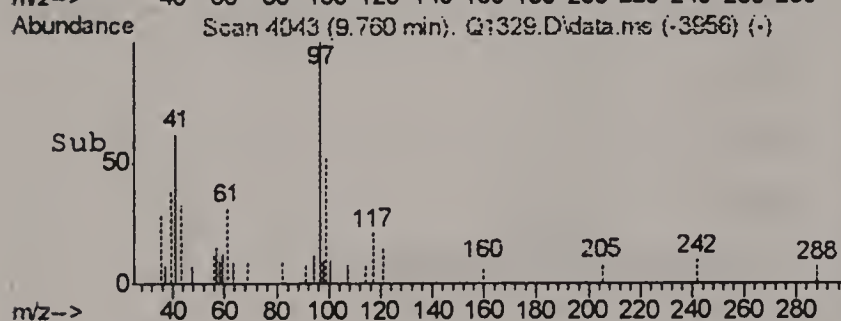
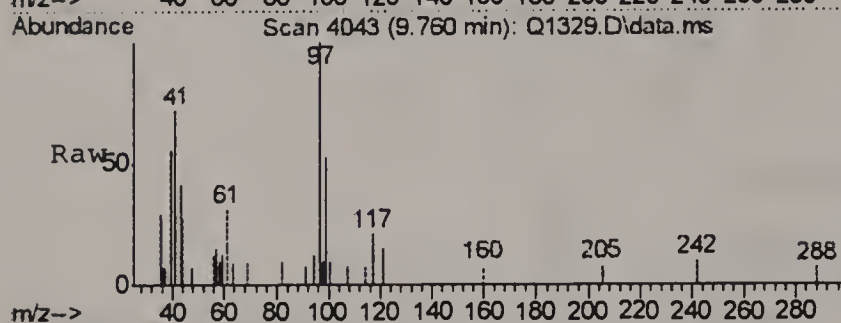
Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.1	44.8	84.8
47	25.8	13.7	53.7





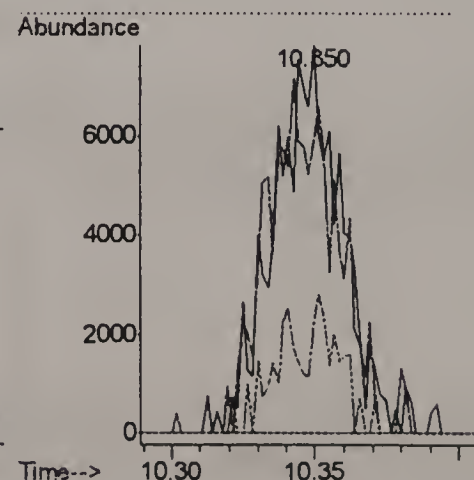
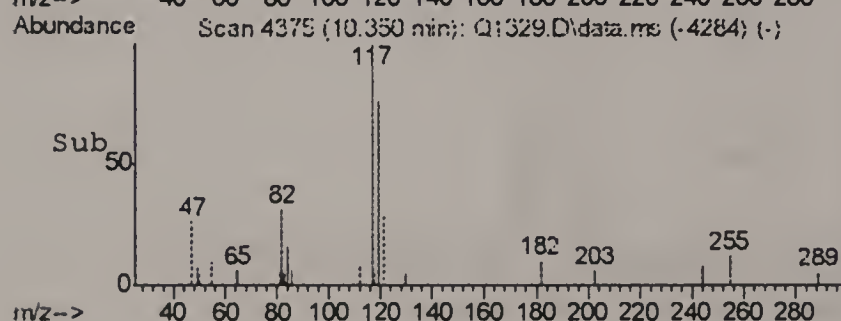
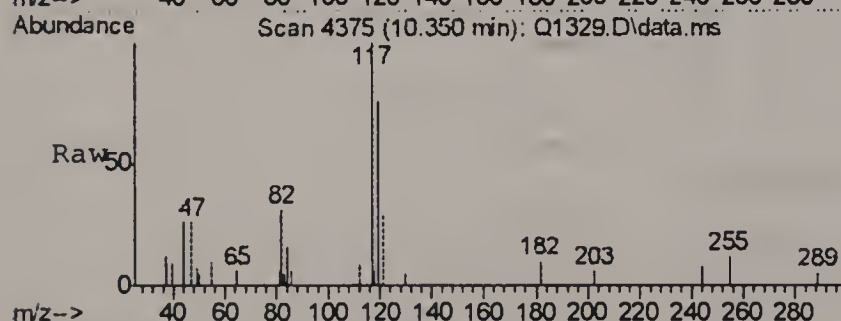
#32
1,1,1-TRICHLOROETHANE
Concen: 0.11 PPBV m
RT: 9.760 min Scan# 4043
Delta R.T. -0.052 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

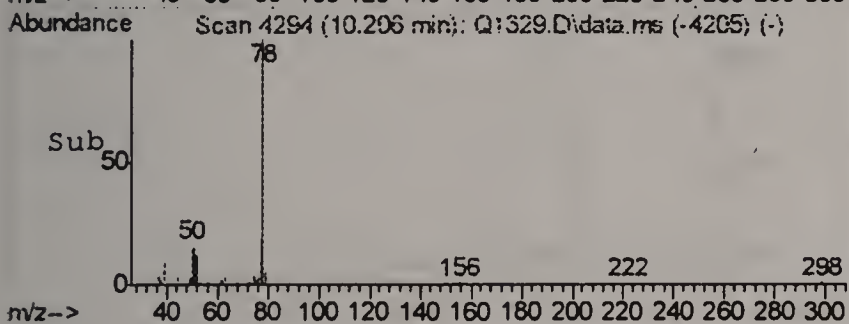
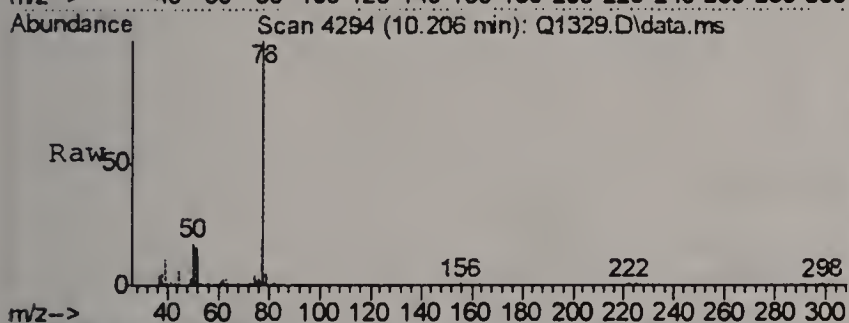
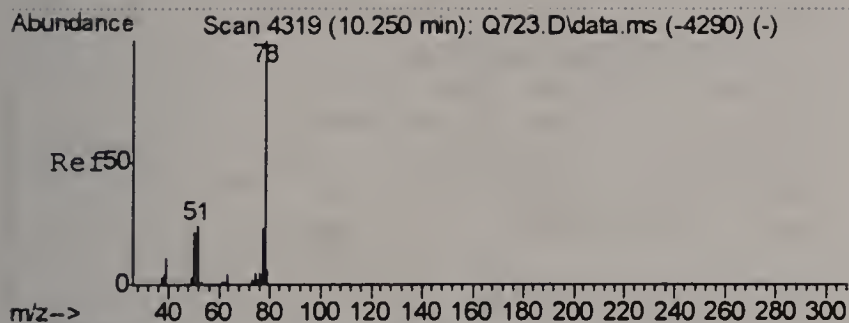
Tgt Ion	Resp	Lower	Upper
97	10702		
99	0.0	43.9	83.9#
61	0.0	33.6	73.6#



#33
CARBON TETRACHLORIDE
Concen: 0.11 PPBV
RT: 10.350 min Scan# 4375
Delta R.T. -0.044 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

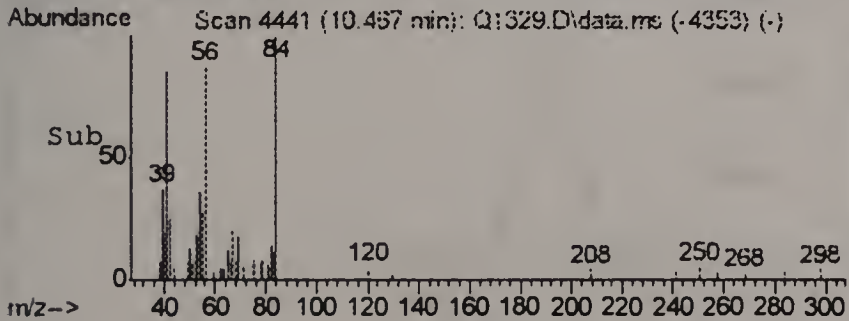
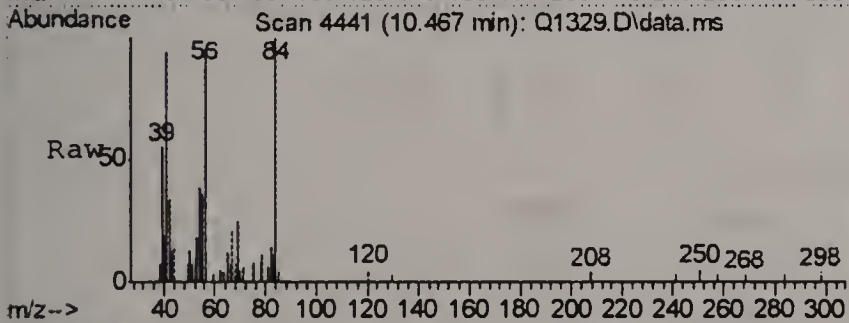
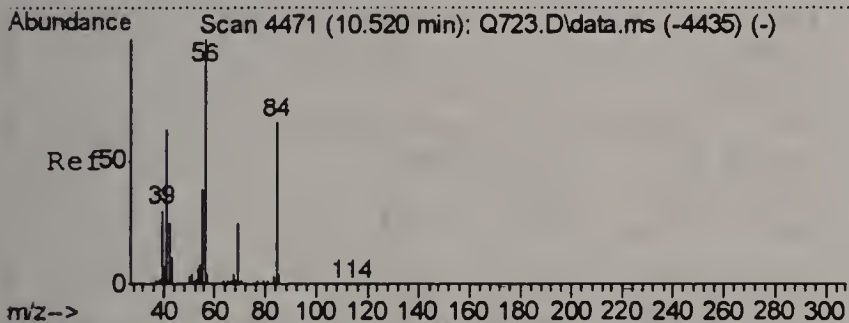
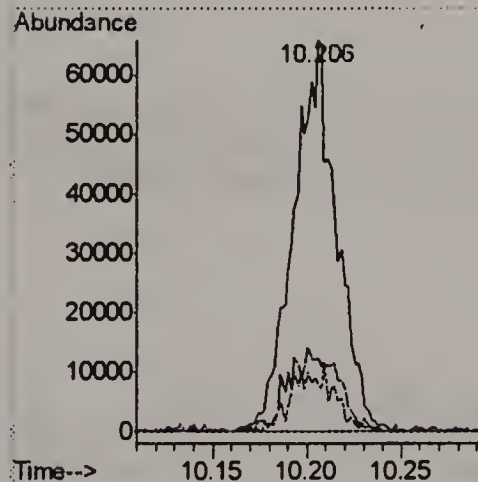
Tgt Ion	Resp	Lower	Upper
117	12567		
119	0.0	74.3	114.3#
121	14.5	10.1	50.1





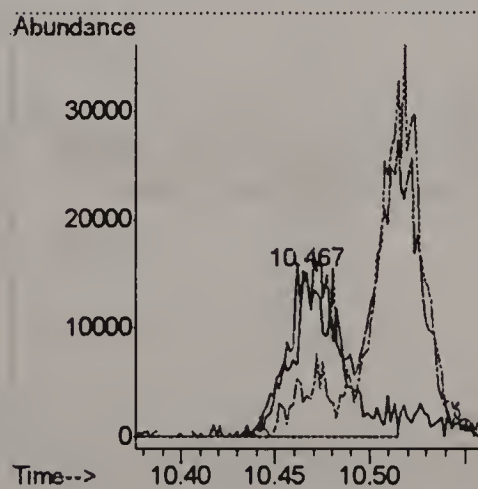
#36
 BENZENE
 Concen: 1.00 PPBV
 RT: 10.206 min Scan# 4294
 Delta R.T. -0.048 min
 Lab File: Q1329.D
 Acq: 8 Aug 2006 1:58 pm

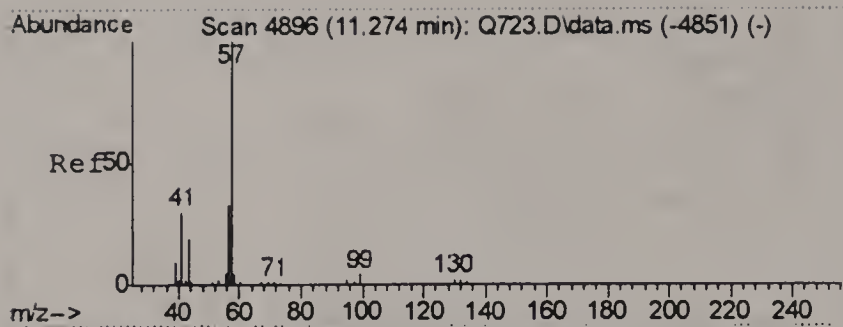
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	3.4	43.4
52	16.5	2.0	42.0



#37
 CYCLOHEXANE
 Concen: 0.59 PPBV
 RT: 10.467 min Scan# 4441
 Delta R.T. -0.050 min
 Lab File: Q1329.D
 Acq: 8 Aug 2006 1:58 pm

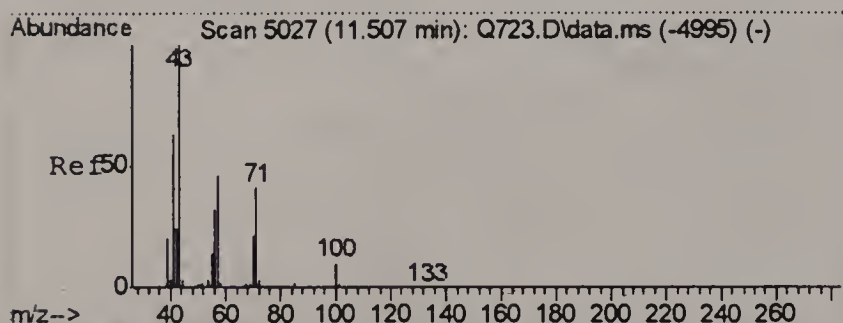
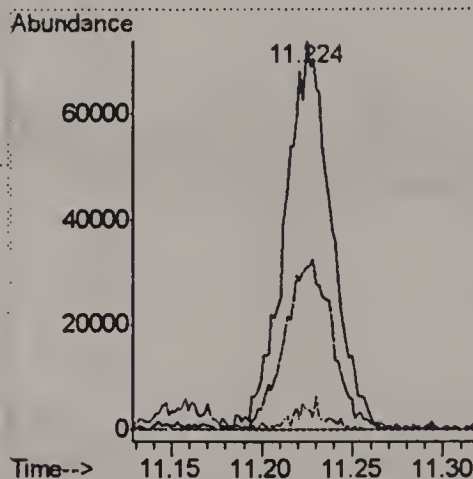
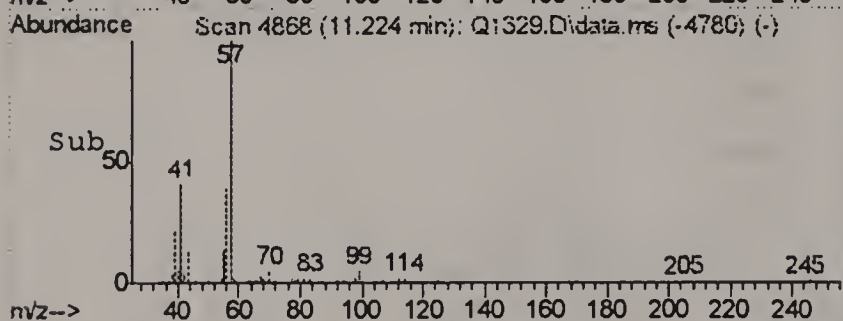
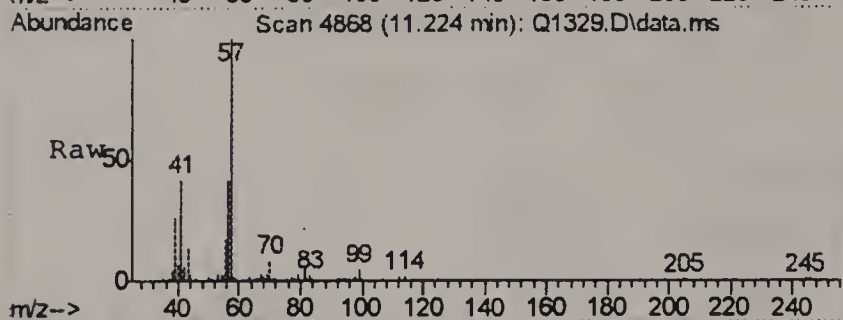
Tgt Ion	Ratio	Lower	Upper
84	100		
56	0.0	153.9	193.9#
69	11.8	21.3	61.3#





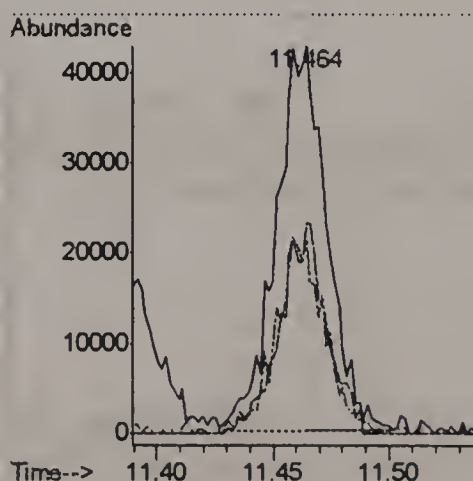
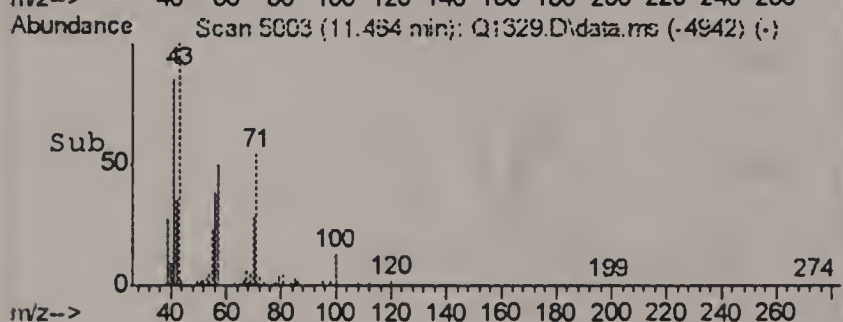
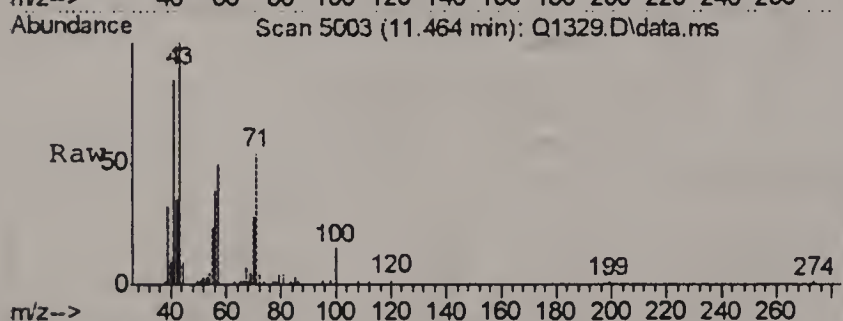
#41
2,2,4-TRIMETHYLPENTANE
Concen: 0.69 PPBV
RT: 11.224 min Scan# 4868
Delta R.T. -0.050 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

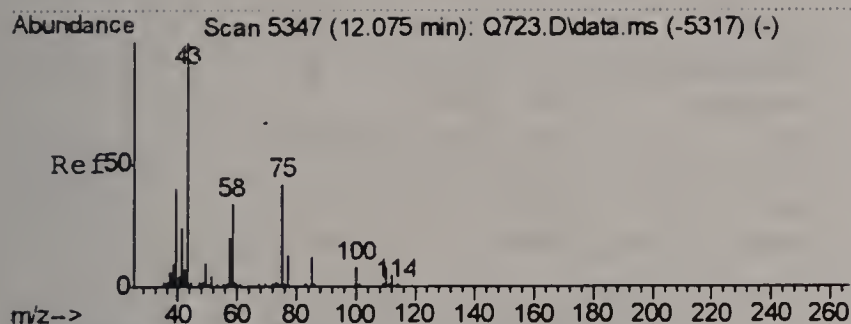
Tgt Ion	Ratio	Lower	Upper
57	100		
56	44.9	13.3	53.3
99	5.1	0.0	22.9



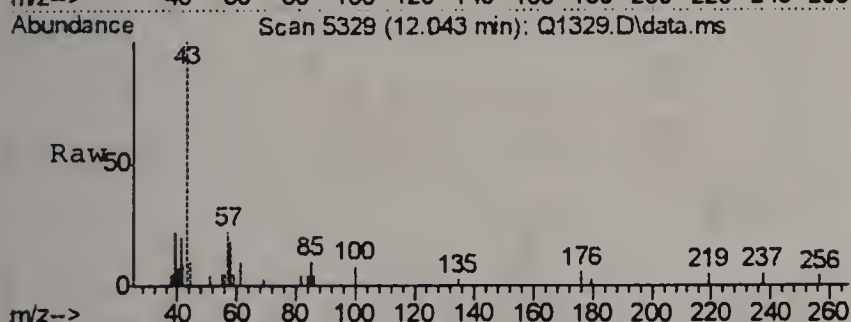
#43
HEPTANE
Concen: 1.02 PPBV
RT: 11.464 min Scan# 5003
Delta R.T. -0.046 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

Tgt Ion	Ratio	Lower	Upper
43	100		
71	50.4	18.5	58.5
57	49.1	24.6	64.6

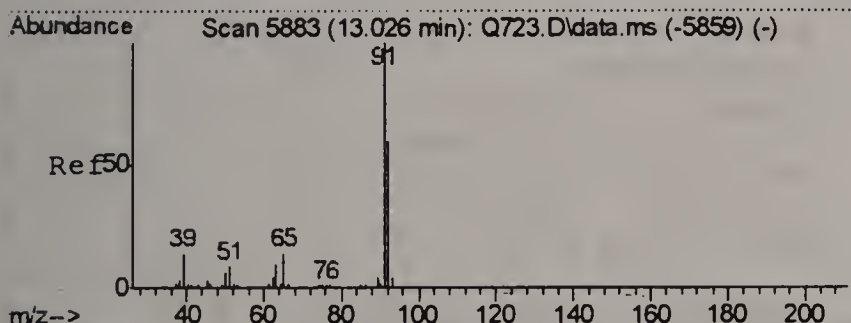
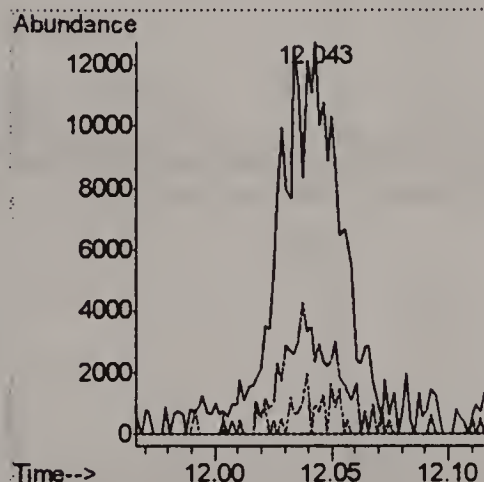
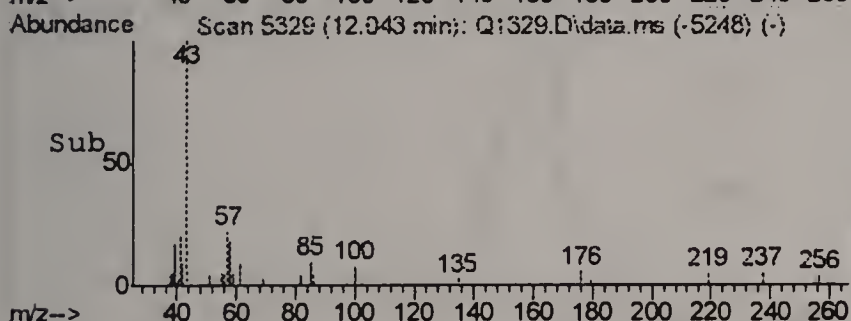




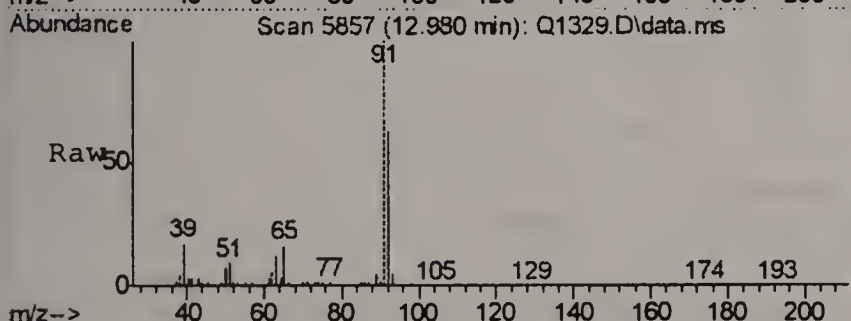
#44
METHYL ISOBUTYL KETONE
Concen: 0.31 PPBV
RT: 12.043 min Scan# 5329
Delta R.T. -0.032 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



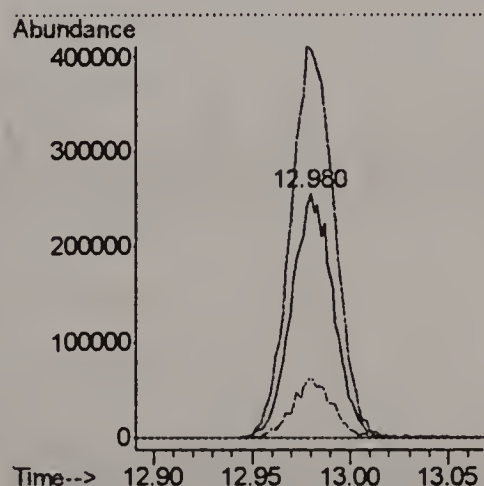
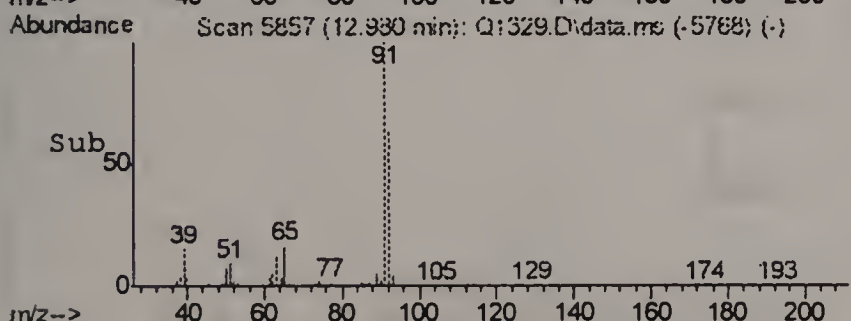
Tgt Ion: 43 Resp: 23205
Ion Ratio Lower Upper
43 100
58 26.8 12.4 52.4
100 1.4 0.0 27.3

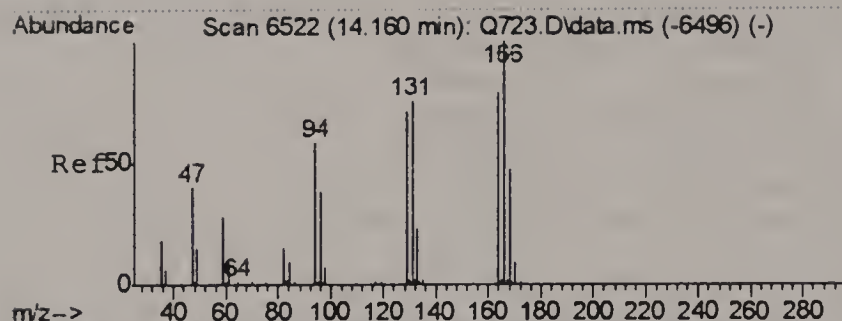


#46
TOLUENE
Concen: 6.55 PPBV
RT: 12.980 min Scan# 5857
Delta R.T. -0.048 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

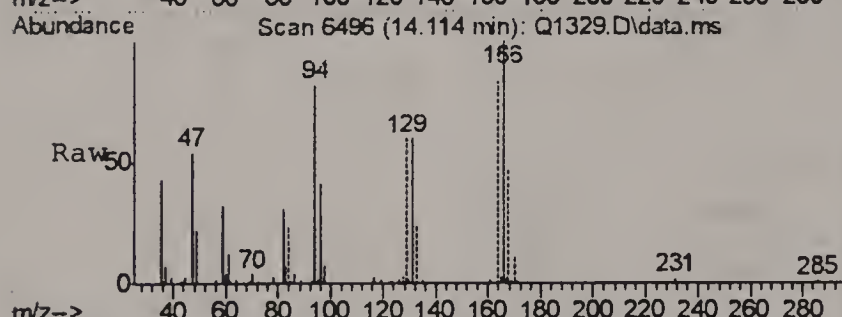


Tgt Ion: 92 Resp: 383836
Ion Ratio Lower Upper
92 100
91 167.7 149.4 189.4
65 24.0 3.6 43.6

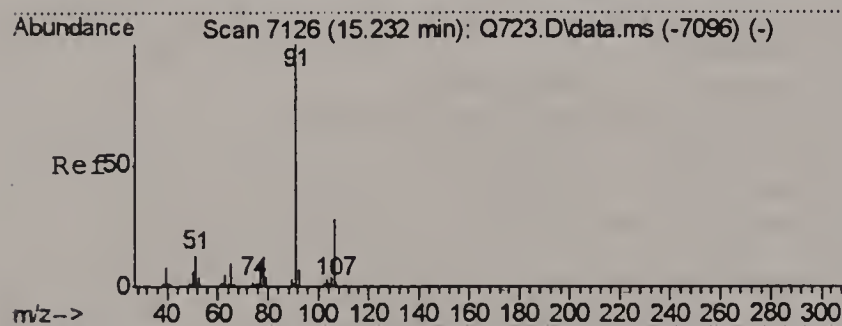
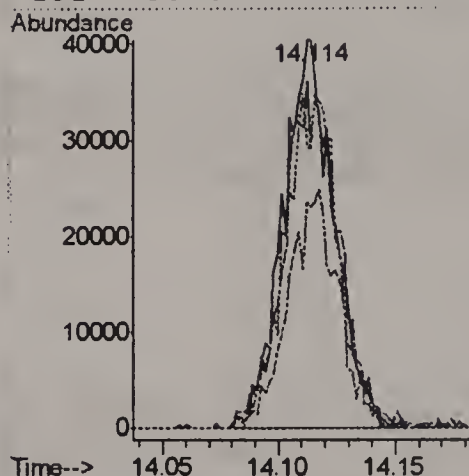
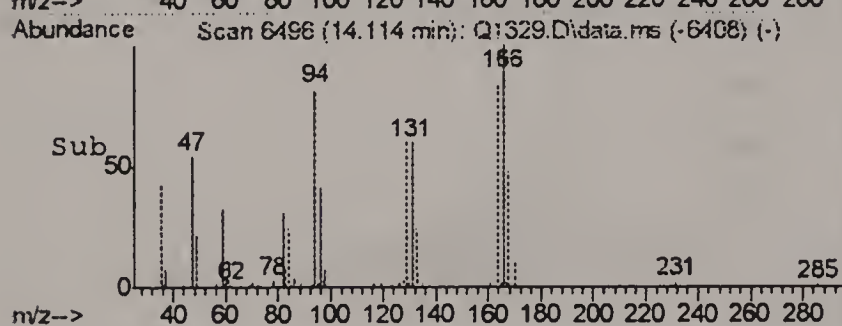




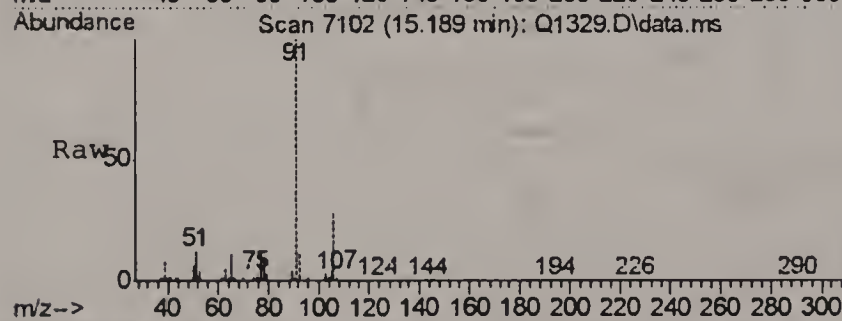
#51
TETRACHLOROETHYLENE
Concen: 1.50 PPBV
RT: 14.114 min Scan# 6496
Delta R.T. -0.049 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



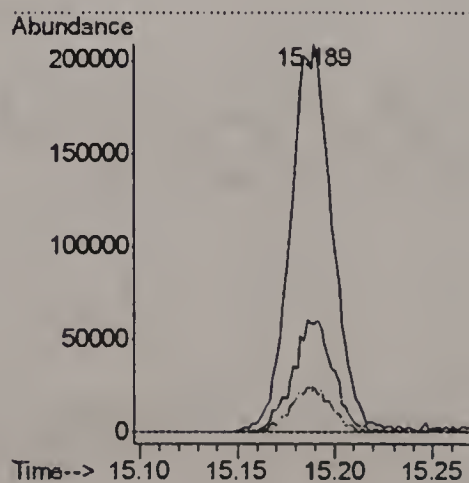
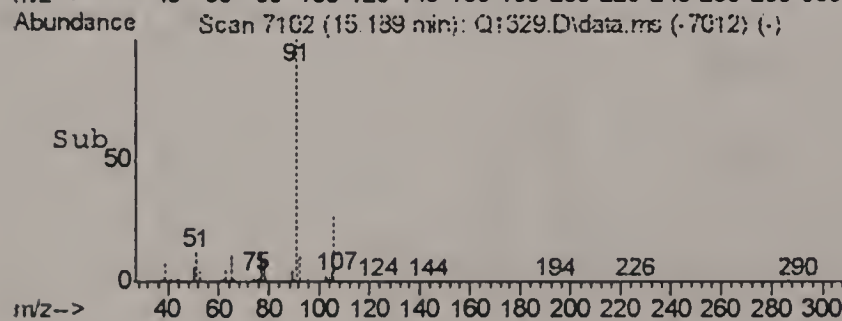
Tgt Ion	Ratio	Lower	Upper
164	100		
129	93.7	75.5	115.5
168	60.7	42.7	82.7
131	90.4	75.2	115.2

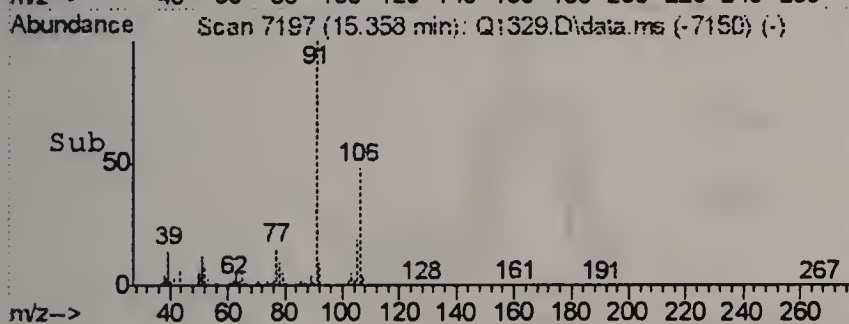
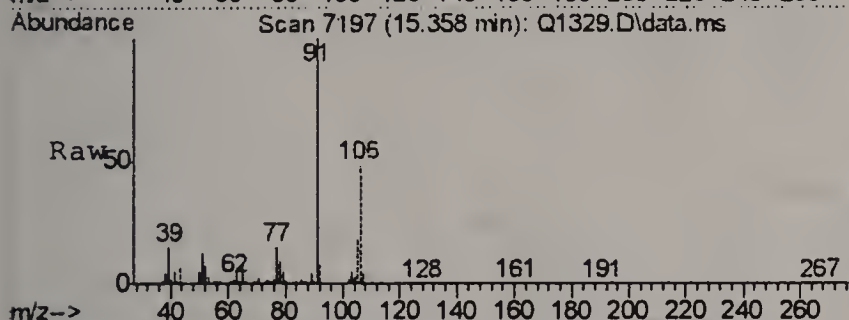
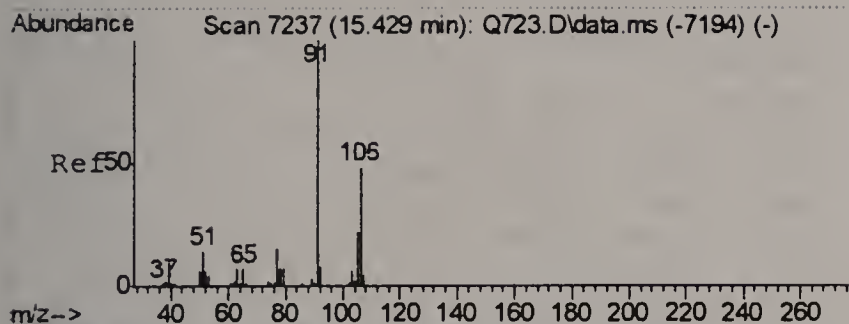


#55
ETHYLBENZENE
Concen: 2.89 PPBV
RT: 15.189 min Scan# 7102
Delta R.T. -0.046 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm



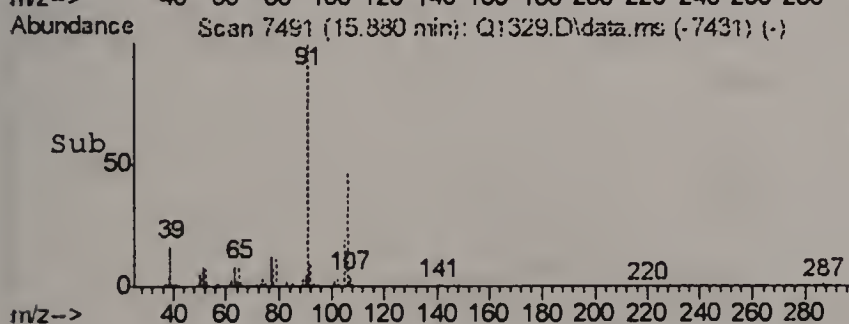
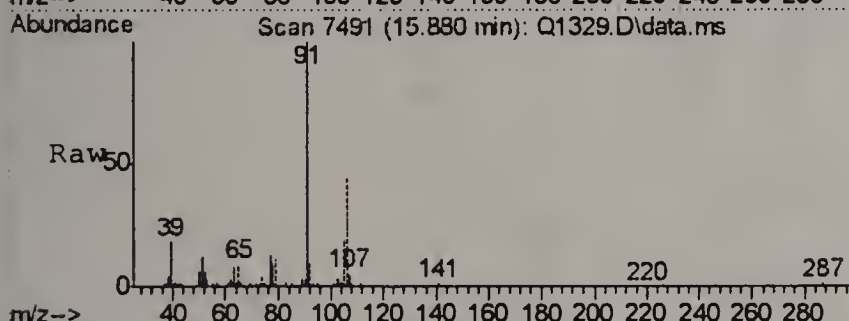
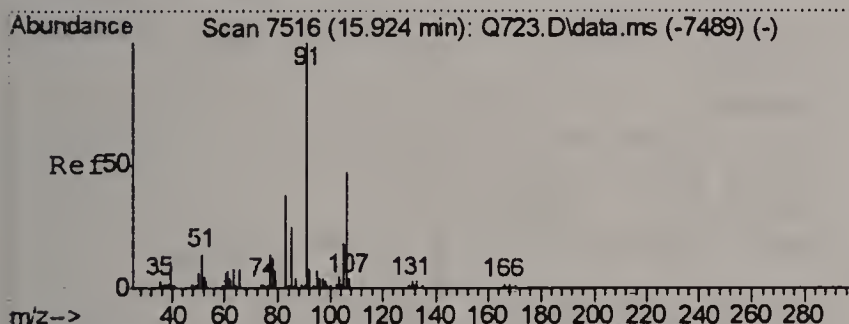
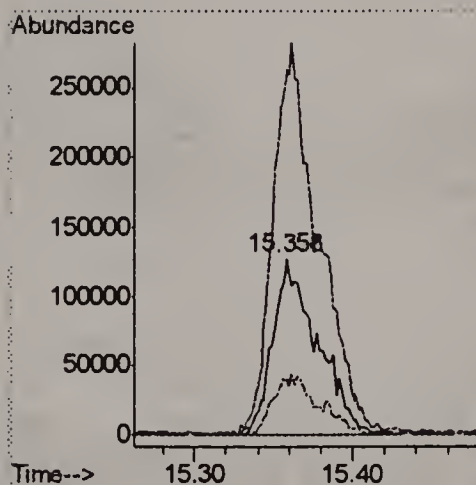
Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	7.4	47.4
77	12.0	0.0	29.5





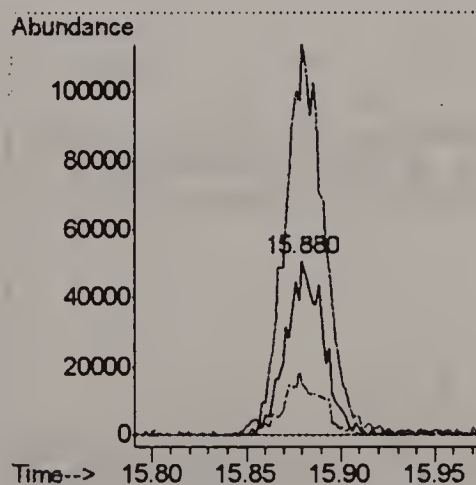
#56
m,p-XYLENE
Concen: 6.23 PPBV
RT: 15.358 min Scan# 7197
Delta R.T. -0.071 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

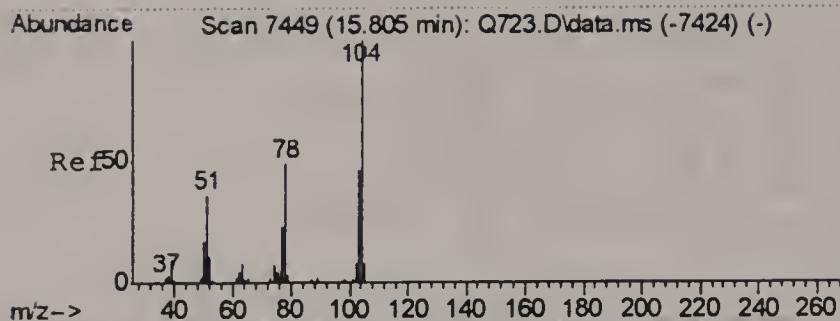
Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.8	182.7	274.1
77	31.0	25.4	38.2



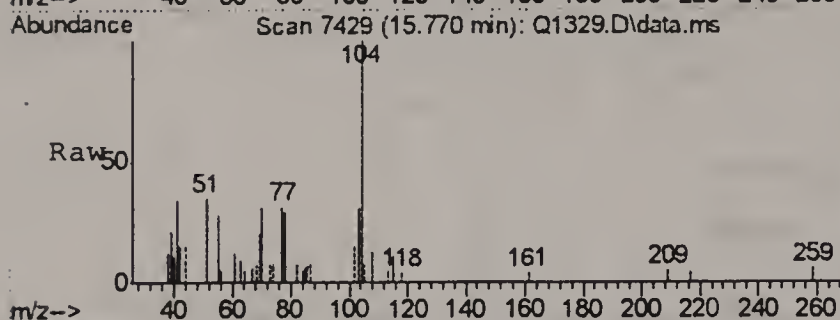
#57
o-XYLENE
Concen: 1.75 PPBV
RT: 15.880 min Scan# 7491
Delta R.T. -0.049 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

Tgt Ion	Ratio	Lower	Upper
106	100		
91	234.0	218.9	258.9
77	36.1	12.8	52.8

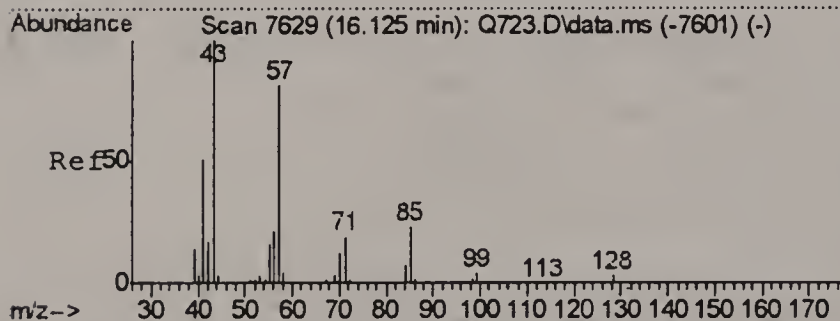
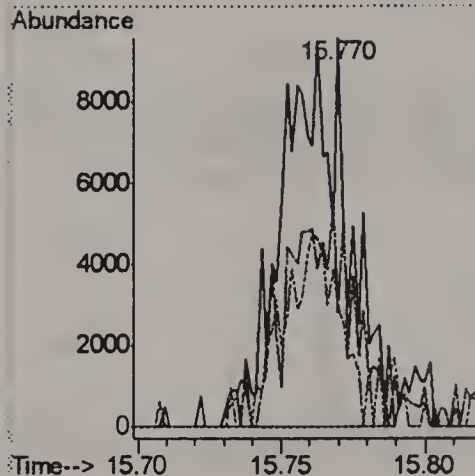
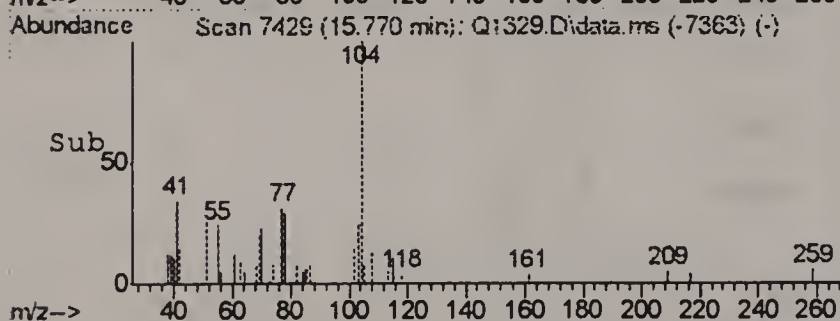




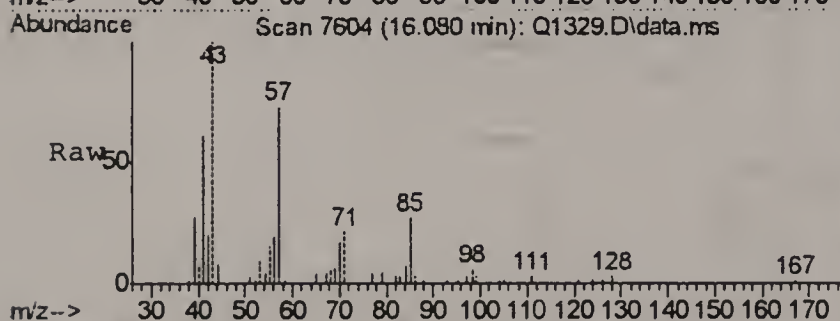
#58
 STYRENE
 Concen: 0.32 PPBV
 RT: 15.770 min Scan# 7429
 Delta R.T. -0.037 min
 Lab File: Q1329.D
 Acq: 8 Aug 2006 1:58 pm



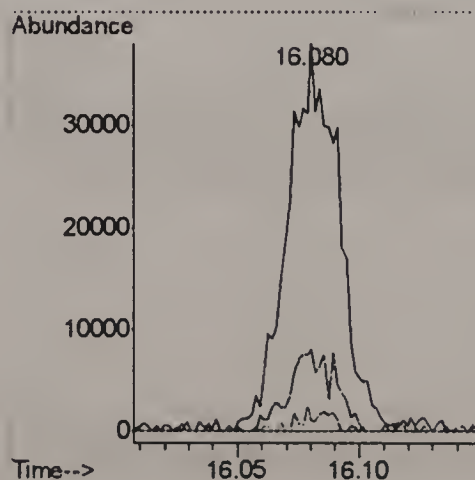
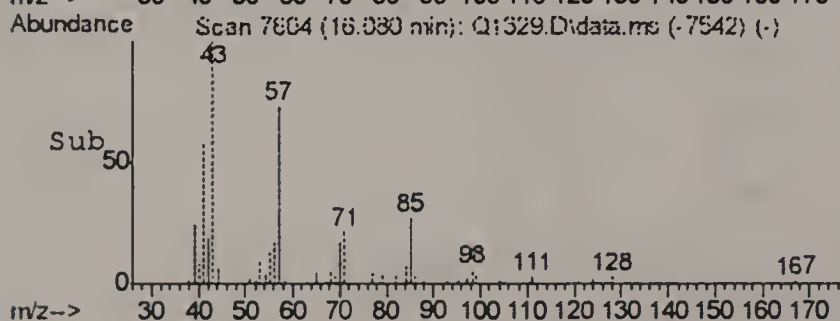
Tgt Ion: 104 Resp: 14678
 Ion Ratio Lower Upper
 104 100
 78 62.5 31.2 71.2
 103 44.0 26.1 66.1

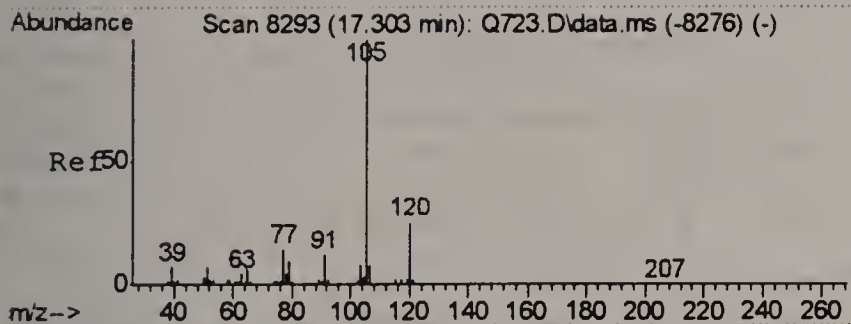


#59
 NONANE
 Concen: 0.62 PPBV
 RT: 16.080 min Scan# 7604
 Delta R.T. -0.046 min
 Lab File: Q1329.D
 Acq: 8 Aug 2006 1:58 pm



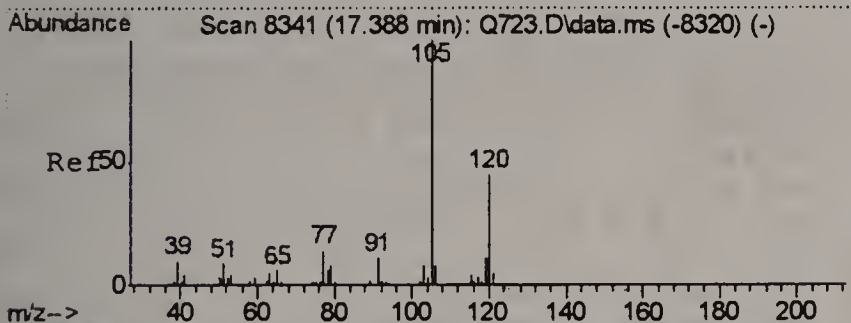
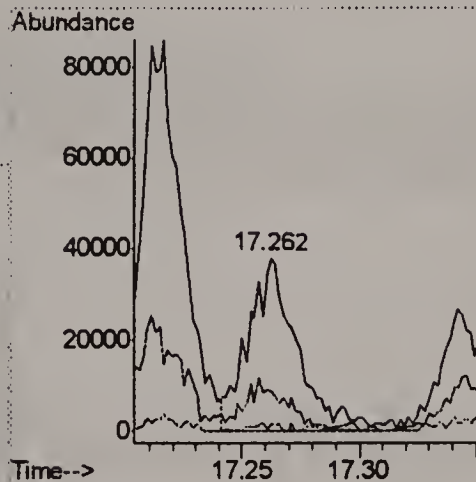
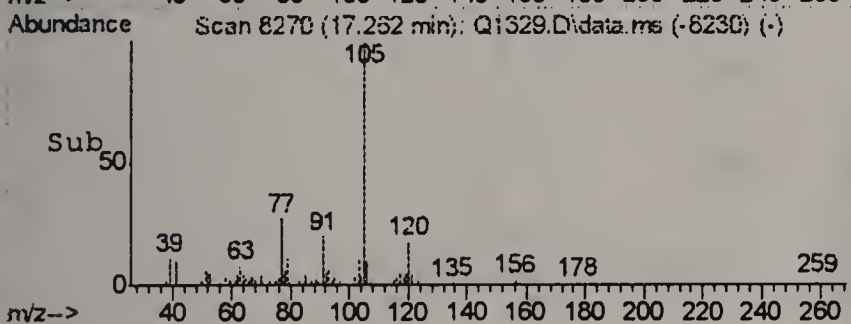
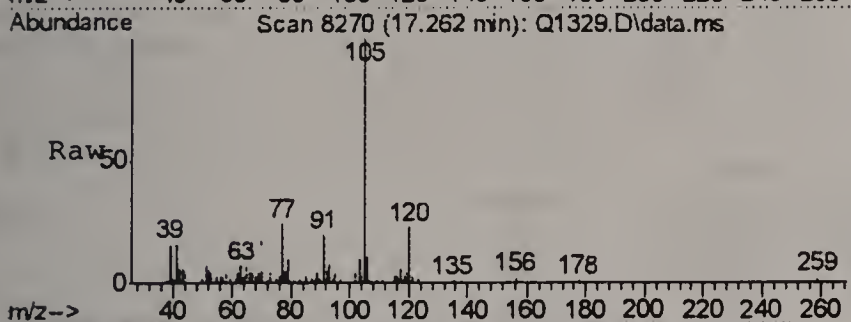
Tgt Ion: 43 Resp: 55727
 Ion Ratio Lower Upper
 43 100
 71 11.4 0.0 36.4
 128 3.7 0.0 22.4





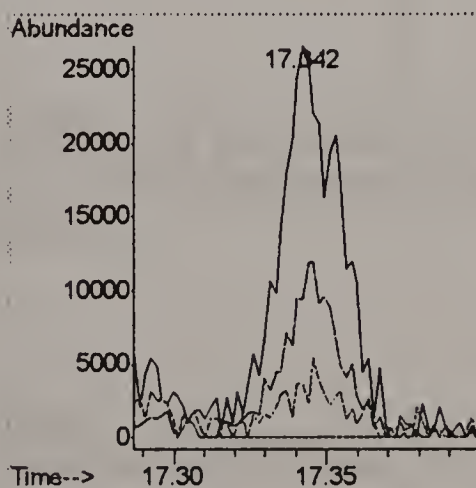
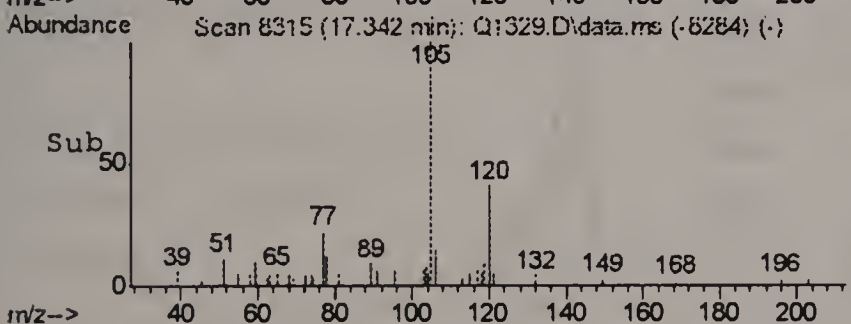
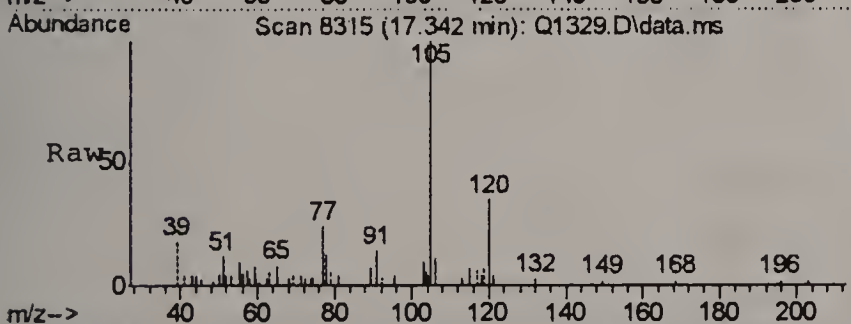
#65
4-ETHYLTOLUENE
Concen: 0.82 PPBV
RT: 17.262 min Scan# 8270
Delta R.T. -0.042 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

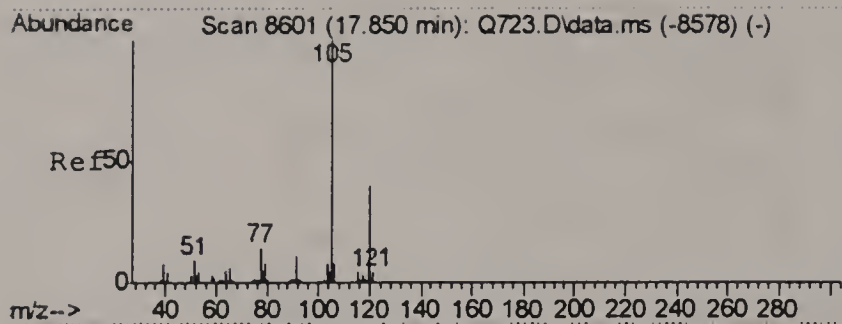
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	7.8	47.8
119	3.0	0.0	21.9



#66
1,3,5-TRIMETHYLBENZENE
Concen: 0.36 PPBV
RT: 17.342 min Scan# 8315
Delta R.T. -0.048 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

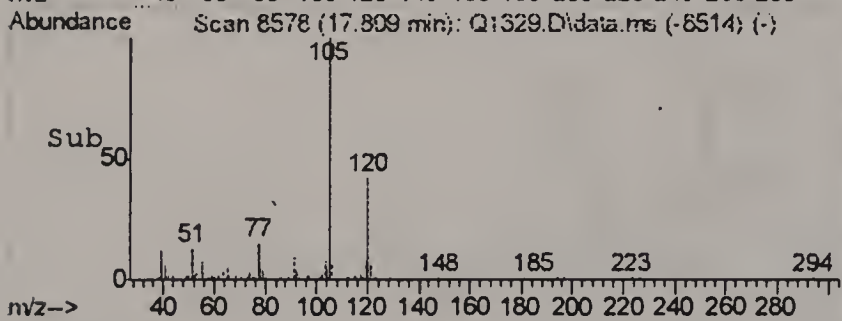
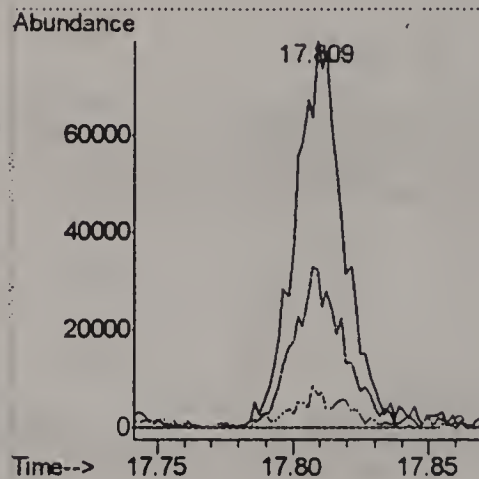
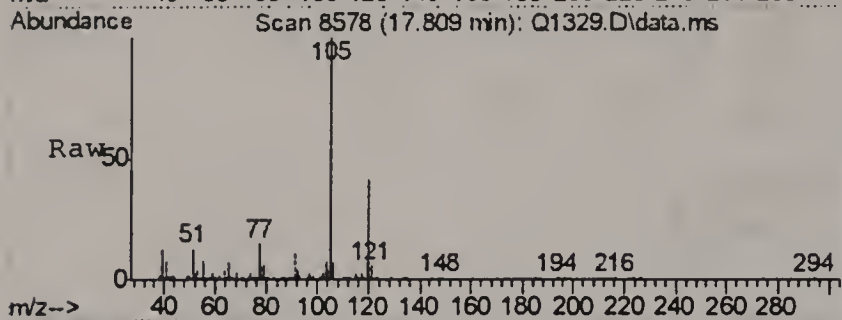
Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.4	24.5	64.5
91	7.9	0.0	32.1





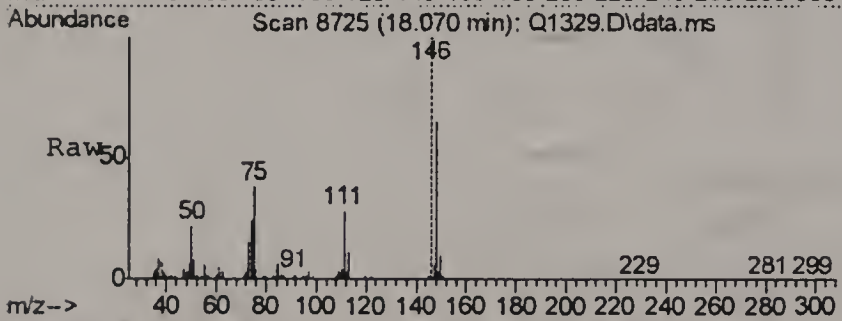
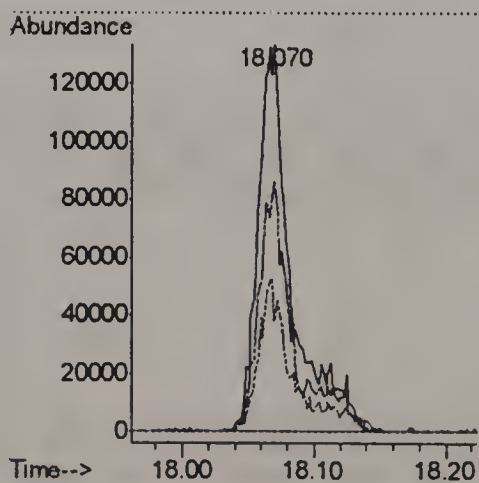
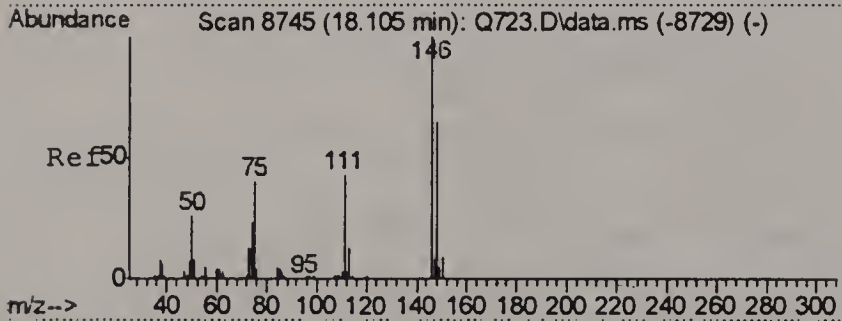
#67
1,2,4-TRIMETHYLBENZENE
Concen: 1.37 PPBV
RT: 17.809 min Scan# 8578
Delta R.T. -0.042 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.7	62.7
119	11.0	0.0	30.7



#70
p-DICHLOROBENZENE
Concen: 5.06 PPBV
RT: 18.070 min Scan# 8725
Delta R.T. -0.037 min
Lab File: Q1329.D
Acq: 8 Aug 2006 1:58 pm

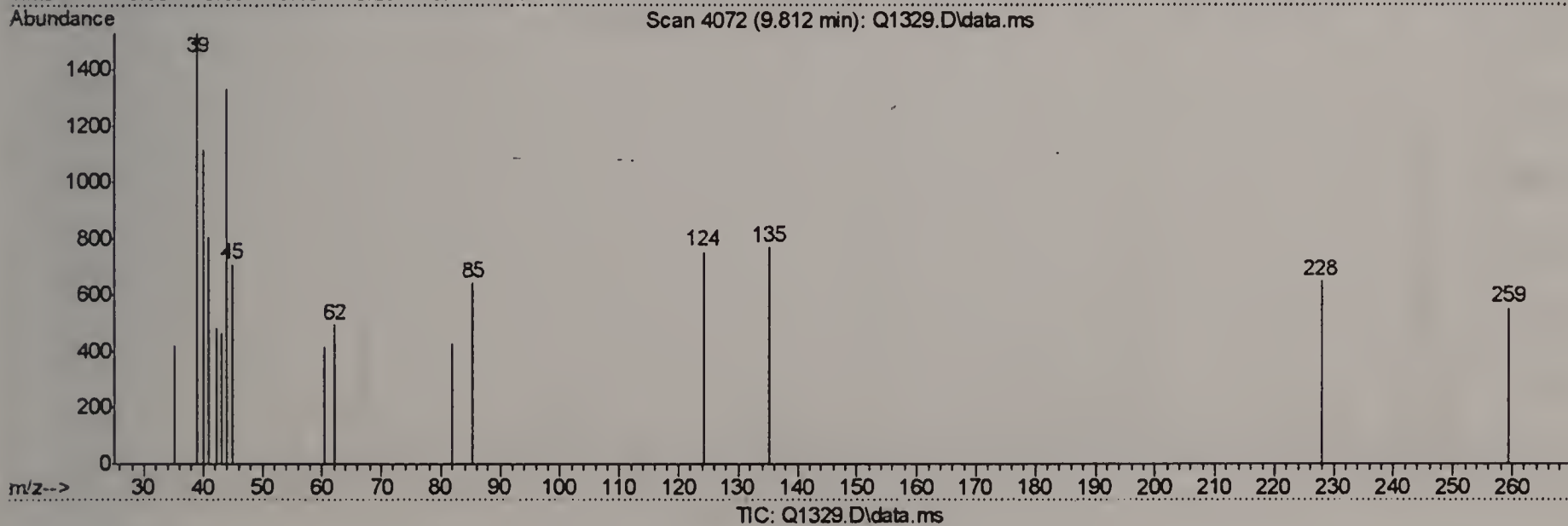
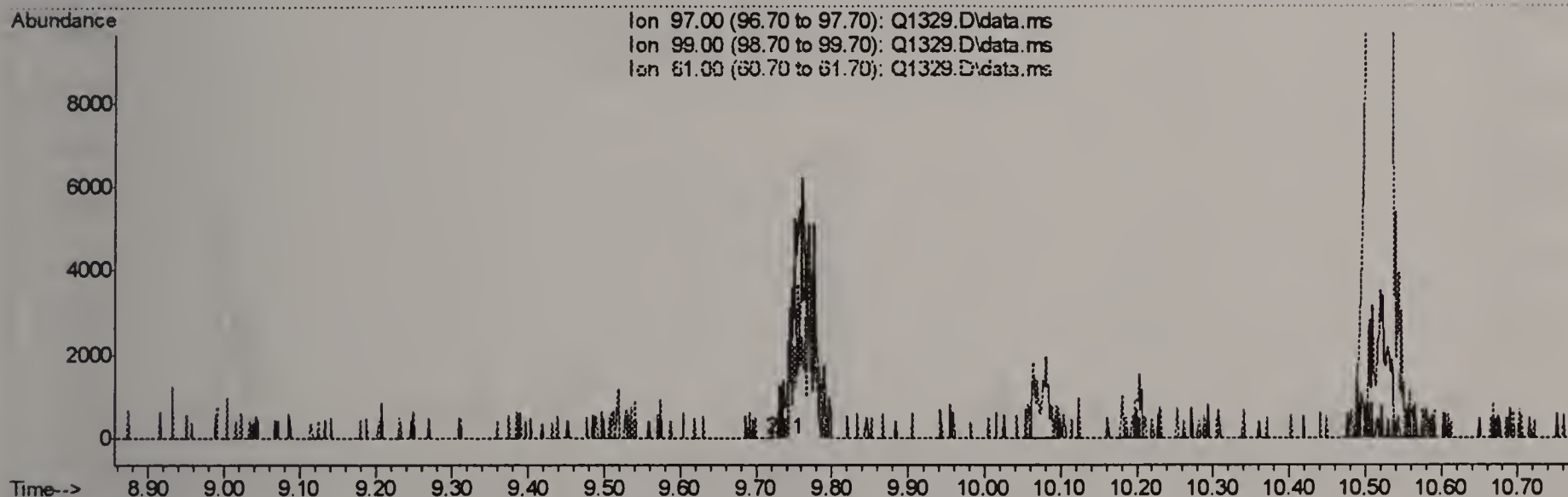
Tgt Ion	Ratio	Lower	Upper
146	100		
148	51.5	43.5	83.5
111	32.9	22.4	62.4



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1329.D
 Acq On : 8 Aug 2006 1:58 pm
 Operator : PhilipB
 Sample : M58364-4 (M138)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 14:26:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 14:26:39 2006
 Response via : Initial Calibration



(32) 1,1,1-TRICHLOROETHANE (m)

9.812min 0.00PPBV d

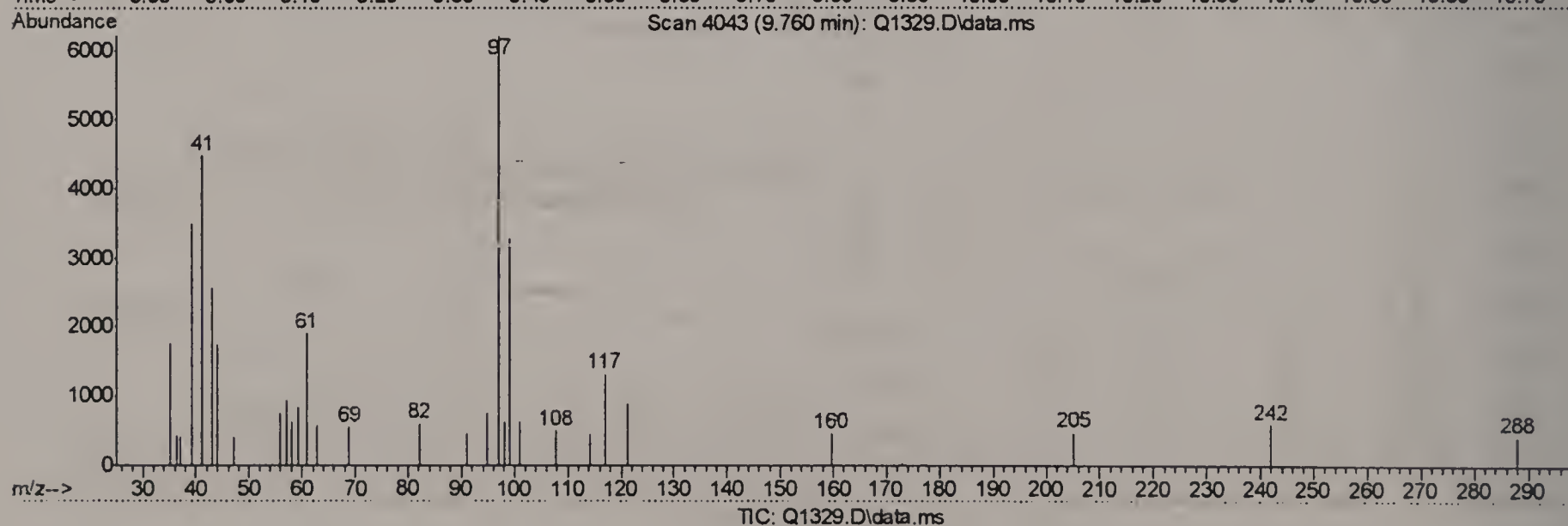
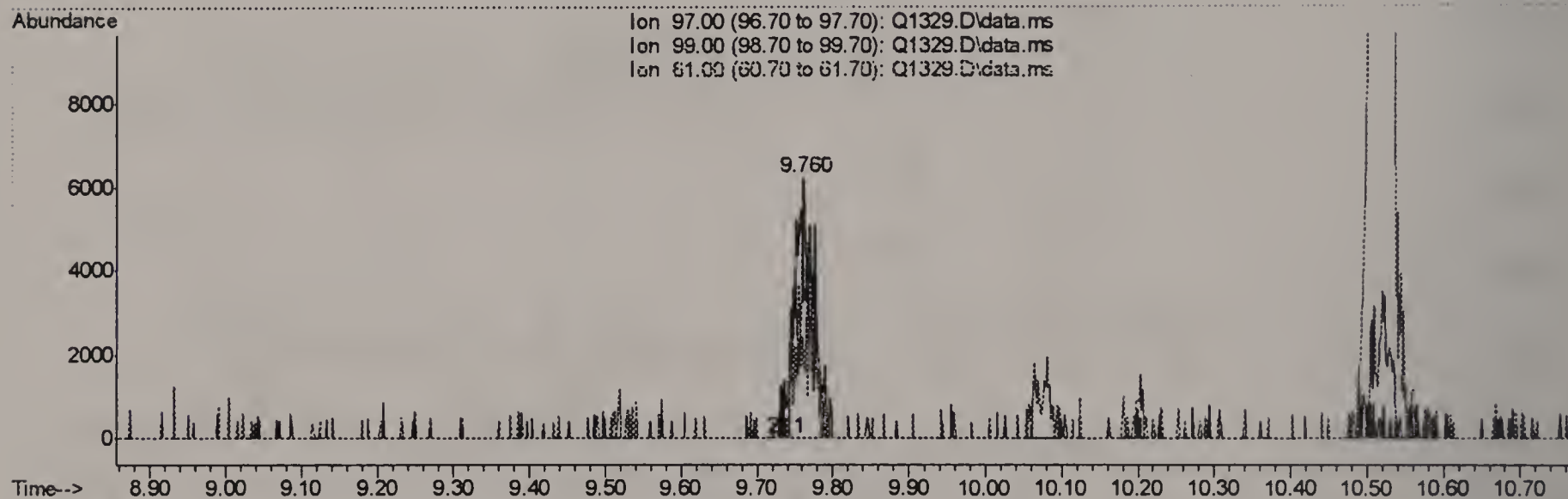
response 0

Ion	Exp%	Act%
97.00	100	0.00
99.00	63.90	0.00
61.00	53.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1329.D
 Acq On : 8 Aug 2006 1:58 pm
 Operator : PhilipB
 Sample : M58364-4 (M138)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 14:26:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 14:26:39 2006
 Response via : Initial Calibration



(32) 1,1,1-TRICHLOROETHANE (m)

9.760min (-0.052) 0.11PPBV m

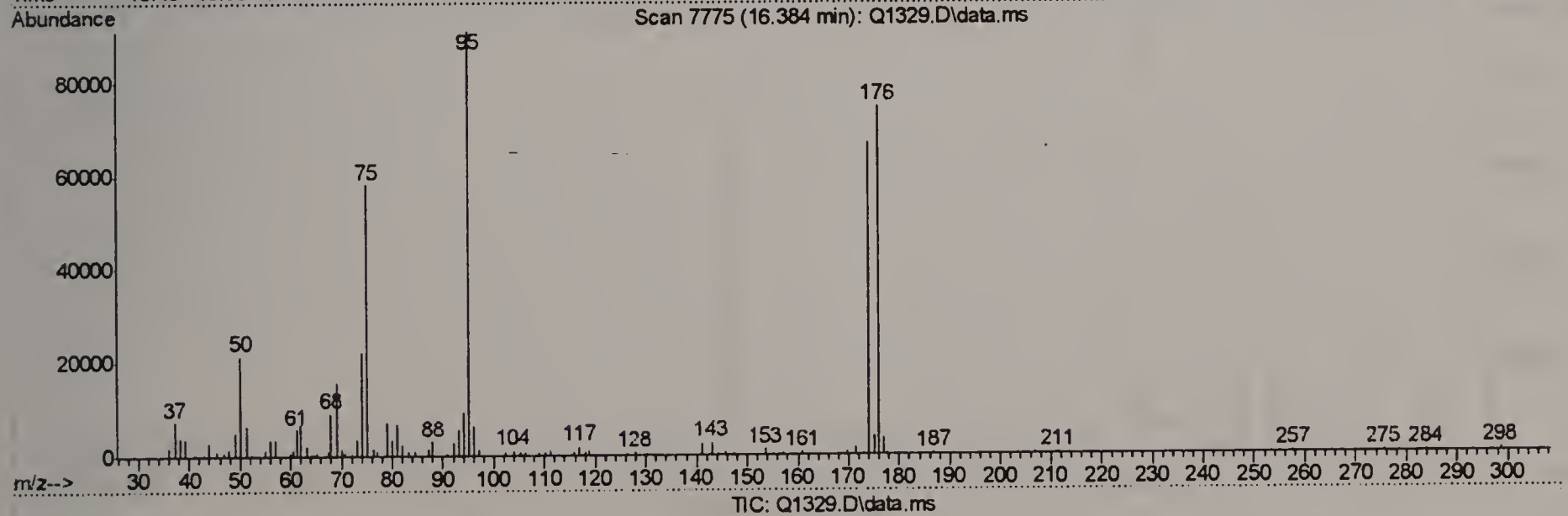
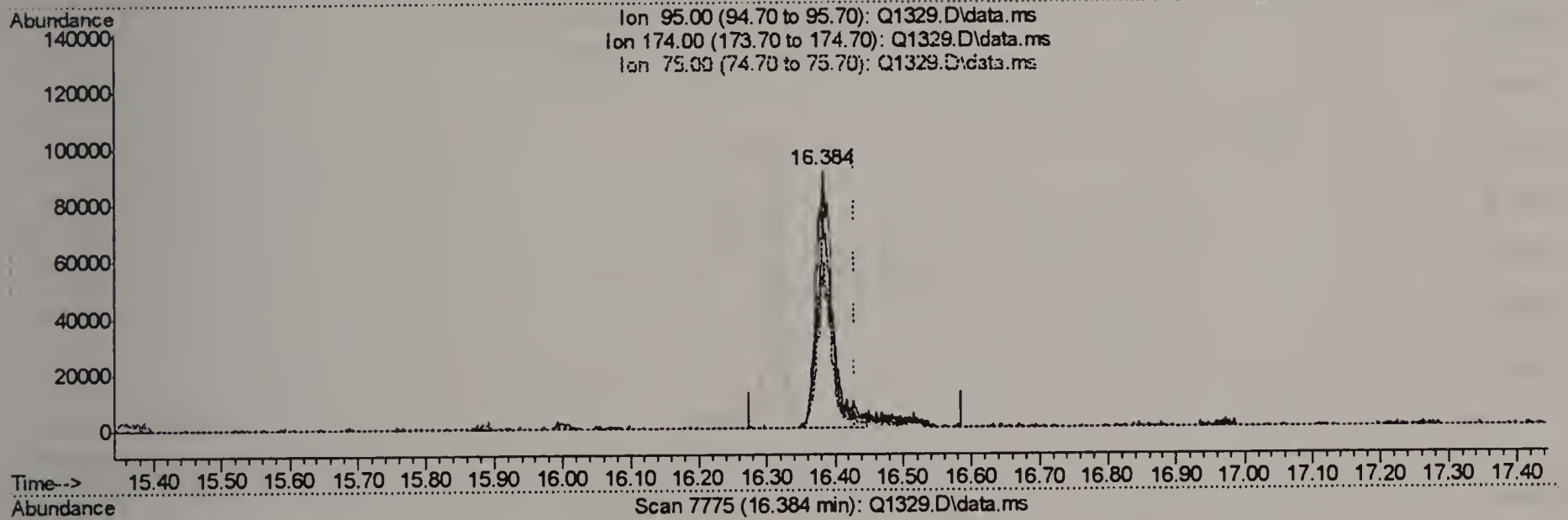
response 10702

Ion	Exp%	Act%
97.00	100	100
99.00	63.90	0.00#
61.00	53.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1329.D
 Acq On : 8 Aug 2006 1:58 pm
 Operator : PhilipB
 Sample : M58364-4 (M138)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 14:26:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 14:26:39 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 3.82PPBV

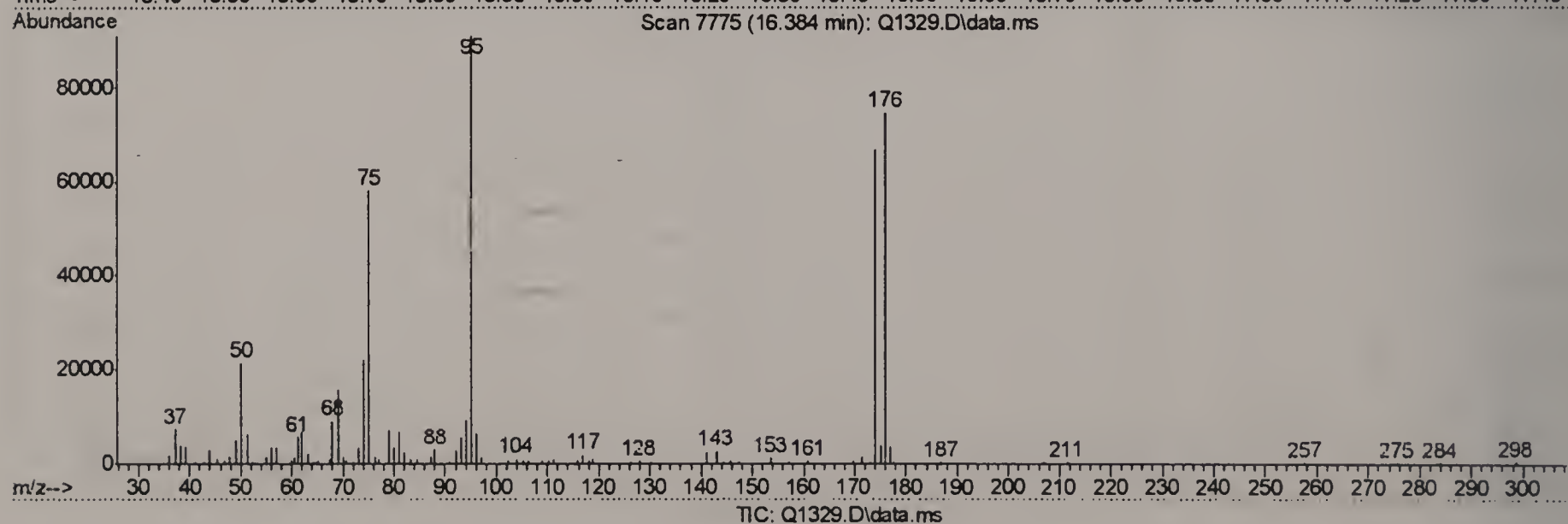
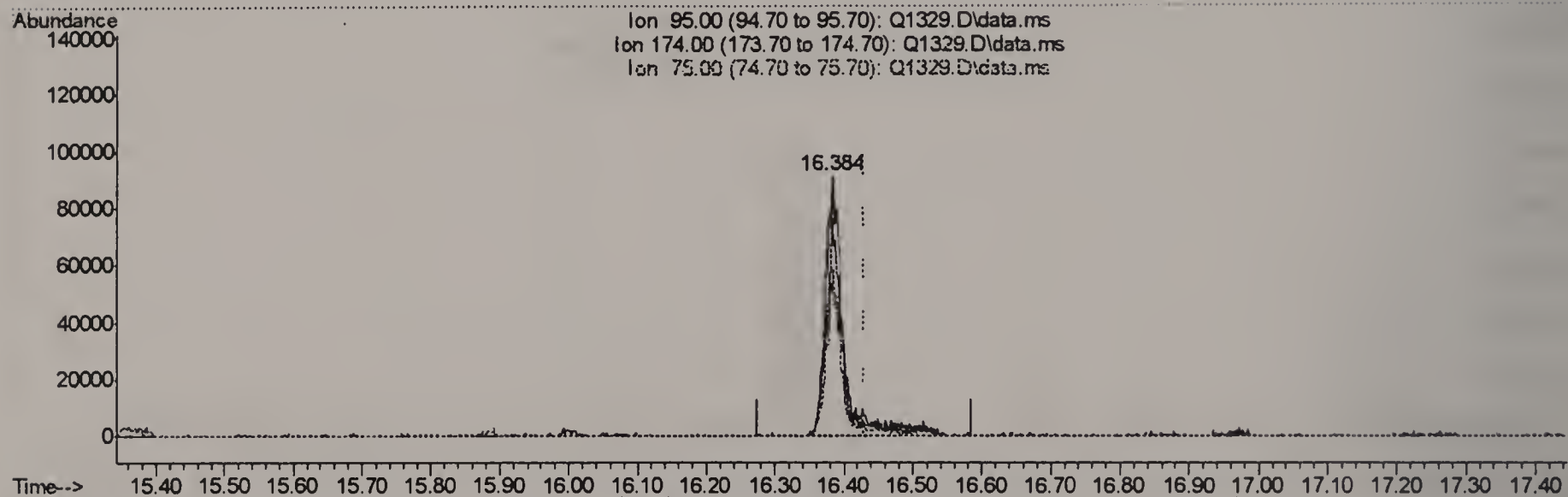
response 151748

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	72.92
75.00	52.30	56.33
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1329.D
 Acq On : 8 Aug 2006 1:58 pm
 Operator : PhilipB
 Sample : M58364-4 (M138)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 14:26:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 14:26:39 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 4.30PPBV m

response 170882

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	64.75
75.00	52.30	50.02
0.00	0.00	0.00

Initial Calibration Data

70 - 15
(Test)

Initial Calibration Summary

Page 1 of 2

Job Number: M58364
 Account: GEI GEI Consultants, Inc.
 Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ68-ICC68
 Lab FileID: Q1309.D

Response Factor Report MAMSQ

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
 Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 Last Update : Tue Aug 08 10:00:19 2006
 Response via : Initial Calibration

Calibration Files

.2 =Q1310.D .5 =Q1308.D 2 =Q1307.D
 5 =Q1306.D 10 =Q1309.D 20 =Q1311.D

Compound	.2	.5	2	5	10	20	Avg	%RSD

1) I BROMOCHLOROMETHANE	-----ISTD-----							
2) m DICHLORODIFLUOROMET		5.093	5.081	4.258	3.320	3.206	4.192	21.80
3) m PROPYLENE		0.763	0.816	0.718	0.552	0.498	0.669	20.52
4) m FREON 114		4.511	4.718	4.019	3.293	3.345	3.977	16.40
5) m CHLOROMETHANE	1.485	1.065	1.099	0.919	0.721		1.058	26.62
6) m VINYL CHLORIDE	1.470	1.233	1.283	1.104	0.873	0.816	1.130	22.21
7) m 1,3-BUTADIENE		1.084	1.179	1.022	0.832	0.801	0.984	16.55
8) m BROMOMETHANE		1.300	1.344	1.146	0.923	0.862	1.115	19.50
9) m CHLOROETHANE	0.679	0.516	0.556	0.483	0.411	0.390	0.506	20.84
10) m TRICHLOROFLUOROMETH		5.737	5.792	4.945	4.216	4.277	4.994	15.22
11) m ISOPROPYL ALCOHOL	1.598	1.378	1.312	1.484	1.153	0.297	1.204	38.98
----- Quadratic regression ----- Coefficient = 0.9933								
Response Ratio = -0.04453 + 2.01763 *A + -0.84772 *A^2								
12) m ACETONE		1.950	1.777	1.794	1.497	1.536	1.711	11.12
13) m PENTANE		1.215	1.280	1.108	0.912	0.877	1.078	16.60
14) m 1,1-DICHLOROETHYLEN	1.339	1.095	1.149	1.011	0.841	0.822	1.043	18.81
15) m CARBON DISULFIDE		3.188	3.495	2.955	2.501	2.526	2.933	14.60
16) m ETHANOL		0.463	0.369	0.401	0.309	0.289	0.366	19.27
17) m BROMOETHENE		0.954	1.074	0.947	0.777	0.771	0.905	14.29
18) m METHYLENE CHLORIDE	2.244	1.303	1.137	0.930	0.783	0.773	1.195	46.35
----- Linear regression (equal Weighting) ----- Coefficient = 0.9978								
Response Ratio = 0.05137 + 0.74881 *A								
19) m 3-CHLOROPROPENE		1.503	1.669	1.494	1.298	1.354	1.464	9.89
20) m FREON 113		2.521	2.892	2.624	2.282	2.535	2.571	8.54
21) m TRANS-1,2-DICHLOROE	1.278	1.107	1.264	1.055	0.903	0.931	1.090	14.67
22) m TERTIARY BUTYL ALCO	2.132	1.866	1.774	2.040	0.920		1.746	27.65
23) m METHYL TERTIARY BUT		2.714	2.607	2.842	2.585	2.858	2.721	4.69
24) m TETRAHYDROFURAN		0.586	0.560	0.678	0.624	0.680	0.626	8.59
25) m HEXANE		1.928	1.936	1.679	1.536	1.633	1.743	10.38
26) m VINYL ACETATE		2.526	2.591	2.824	2.646	2.884	2.694	5.70
27) m 1,1-DICHLOROETHANE	2.746	2.309	2.708	2.426	2.072	2.143	2.401	11.75
28) m METHYL ETHYL KETONE		2.417	2.151	2.217	1.954	2.126	2.173	7.71
29) m cis-1,2-DICHLOROETH	1.437	1.196	1.325	1.203	1.071	1.147	1.230	10.67
30) m ETHYL ACETATE		4.074	3.881	3.757	3.428	3.766	3.781	6.22
31) m CHLOROFORM	2.287	3.454	3.805	3.268	2.938	3.056	3.134	16.47
32) m 1,1,1-TRICHLOROETHA	2.248	1.765	2.365	2.049	1.906	2.119	2.075	10.60
33) m CARBON TETRACHLORID	2.733	2.062	2.578	2.276	2.198	2.524	2.395	10.70
34) m 1,2-DICHLOROETHANE	1.216	1.136	1.308	1.206	1.129	1.218	1.202	5.45
35) I 1,4-DIFLUOROBENZENE	-----ISTD-----							
36) m BENZENE		0.721	0.920	0.925	0.829	0.880	0.855	9.86
37) m CYCLOHEXANE		0.467	0.426	0.386	0.338	0.349	0.393	13.66
38) m TRICHLOROETHYLENE	0.351	0.423	0.444	0.458	0.395	0.470	0.424	10.51
39) m 1,2-DICHLOROPROPANE		0.302	0.310	0.317	0.278	0.310	0.303	4.96

Initial Calibration Summary

Page 2 of 2

Job Number: M58364

Sample:

MSQ68-ICC68

Account: GEI GEI Consultants, Inc.

Lab FileID:

Q1309.D

Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

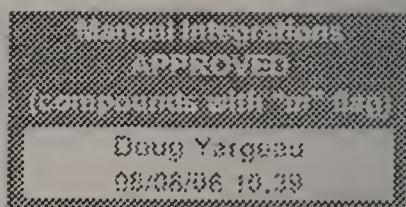
40)	m	BROMODICHLOROMETHAN	0.591	0.685	0.687	0.595	0.691	0.650	7.96
41)	m	2,2,4-TRIMETHYLPENT	1.372	1.772	1.658	1.454	1.582	1.568	10.16
42)	m	1,4-DIOXANE	0.123	0.104	0.149	0.127	0.145	0.129	14.09
43)	m	HEPTANE	0.432	0.542	0.558	0.506	0.563	0.520	10.39
44)	m	METHYL ISOBUTYL KET	0.515	0.553	0.691	0.592	0.661	0.602	12.16
45)	m	cis-1,3-DICHLOROPRO	0.320	0.362	0.440	0.389	0.477	0.398	15.63
46)	m	TOLUENE	0.323	0.463	0.530	0.481	0.585	0.476	20.59
47)	m	trans-1,3-DICHLOROP	0.194	0.214	0.305	0.283	0.343	0.268	23.33
48)	m	1,1,2-TRICHLOROETHA	0.209	0.263	0.259	0.275	0.237	0.274	10.07
49)	I	CHLOROBENZENE-D5	-----ISTD-----						
50)	m	2-HEXANONE	0.553	0.580	0.788	0.682	0.590	0.639	15.13
51)	m	TETRACHLOROETHYLENE	0.447	0.479	0.500	0.506	0.511	0.706	17.51
52)	m	DIBROMOCHLOROMETHAN	0.616	0.649	0.662	0.611	0.741	0.656	7.93
53)	m	1,2-DIBROMOETHANE	0.514	0.512	0.572	0.500	0.609	0.542	8.70
54)	m	CHLOROBENZENE	0.813	0.808	0.812	0.716	0.827	0.795	5.62
55)	m	ETHYLBENZENE	0.976	1.263	1.486	1.437	1.695	1.371	19.64
56)	m	m,p-XYLENE	0.392	0.493	0.552	0.514	0.608	0.512	15.63
57)	m	o-XYLENE	0.377	0.483	0.551	0.529	0.627	0.513	17.96
58)	m	STYRENE	0.369	0.473	0.643	0.649	0.805	0.588	28.92
59)	m	NONANE	0.835	1.174	1.217	1.122	1.314	1.132	15.92
60)	m	BROMOFORM	0.414	0.498	0.577	0.588	0.829	0.581	26.75
61)	S	4-BROMOFLUOROBENZEN	0.404	0.467	0.480	0.538	0.562	0.561	12.50
62)	m	1,1,2,2-TETRACHLORO	0.752	0.837	0.858	0.922	0.868	1.014	10.00
63)	m	ISOPROPYLBENZENE	1.204	1.492	1.685	1.653	2.015	1.610	18.39
64)	m	2-CHLOROTOLUENE	0.823	0.992	1.186	1.182	1.438	1.124	20.58
65)	m	4-ETHYLTOLUENE	0.499	0.583	0.908	1.221	1.245	1.580	41.65
----- Quadratic regression ----- Coefficient = 0.9994									
Response Ratio = -0.01176 + 0.99330 *A + 0.29497 *A^2									
66)	m	1,3,5-TRIMETHYLBENZ	0.802	1.094	1.363	1.377	1.785	1.284	28.48
67)	m	1,2,4-TRIMETHYLBENZ	0.522	0.553	0.875	1.215	1.283	1.664	44.08
----- Quadratic regression ----- Coefficient = 0.9996									
Response Ratio = -0.01412 + 0.97824 *A + 0.34521 *A^2									
68)	m	m-DICHLOROBENZENE	0.436	0.456	0.577	0.622	0.842	0.587	27.83
69)	m	BENZYL CHLORIDE	0.287	0.378	0.302	0.479	0.580	0.783	40.55
----- Quadratic regression ----- Coefficient = 0.9998									
Response Ratio = -0.00710 + 0.38359 *A + 0.20152 *A^2									
70)	m	p-DICHLOROBENZENE	0.498	0.478	0.598	0.615	0.798	0.597	21.28
71)	m	o-DICHLOROBENZENE	0.478	0.454	0.613	0.627	0.807	0.596	23.69
72)	m	HEXACHLOROBUTADIENE	0.547	0.395	0.553	0.568	0.706	0.554	19.89
73)	m	1,2,4-TRICHLOROBENZ	0.130	0.097	0.152	0.152	0.188	0.144	23.09
74)	m	NAPHTHALENE						0.000	-1.00

(#) = Out of Range

Q080706T.m

Tue Aug 08 10:00:44 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:51 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.685	128	535678	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1241423	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	844819	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	227093	5.32	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.044	85	1140523	4.80	PPBV	98
3) PROPYLENE	3.973	41	192356	5.02	PPBV	89
4) FREON 114	4.312	85	1076461	4.86	PPBV	99
5) CHLOROMETHANE	4.212	50	246020	4.29	PPBV	97
6) VINYL CHLORIDE	4.440	62	295807	4.63	PPBV	98
7) 1,3-BUTADIENE	4.576	39	273646	4.96	PPBV	81
8) BROMOMETHANE	4.855	94	306929	4.86	PPBV	98
9) CHLOROETHANE	5.027	64	129389	4.50	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.820	101	1324547	4.78	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	397586	5.57	PPBV	86
12) ACETONE	5.623	43	480463	5.11	PPBV	91
13) PENTANE	6.177	42	296768	4.91	PPBV	86
14) 1,1-DICHLOROETHYLENE	6.461	96	270877	4.65	PPBV	93
15) CARBON DISULFIDE	6.899	76	791433	4.87	PPBV	90
16) ETHANOL	5.118	45	107284	5.20	PPBV	74
17) BROMOETHENE	5.398	106	253683	5.05	PPBV #	88
18) METHYLENE CHLORIDE	6.582	84	249100	3.64	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	400196	4.97	PPBV #	72
20) FREON 113	6.841	151	702736	5.09	PPBV #	80
21) TRANS-1,2-DICHLOROETHY...	7.514	96	282538	4.71	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.472	59	546486	6.18	PPBV	86
23) METHYL TERTIARY BUTYL ...	7.755	73	761312	5.29	PPBV	91
24) TETRAHYDROFURAN	9.194	42	181494	5.54	PPBV	83
25) HEXANE	8.717	57	449684	4.74	PPBV #	85
26) VINYL ACETATE	7.831	43	756299	5.36	PPBV	95
27) 1,1-DICHLOROETHANE	7.709	63	649705	4.94	PPBV	96
28) METHYL ETHYL KETONE	8.076	43	593911	5.07	PPBV	91
29) cis-1,2-DICHLOROETHYLENE	8.522	96	322226	4.81	PPBV #	89
30) ETHYL ACETATE	8.715	43	1006394	4.96	PPBV	99
31) CHLOROFORM	8.804	83	875228	5.19	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.760	97	548846	4.96	PPBV	98
33) CARBON TETRACHLORIDE	10.348	117	609657	4.80	PPBV	99
34) 1,2-DICHLOROETHANE	9.515	62	322910	4.98	PPBV	95
36) BENZENE	10.202	78	573857	5.45	PPBV	93
37) CYCLOHEXANE	10.469	84	239882	4.79	PPBV #	71
38) TRICHLOROETHYLENE	11.200	95	284555	5.51	PPBV	93
39) 1,2-DICHLOROPROPANE	10.978	63	196875	5.25	PPBV	89
40) BROMODICHLOROMETHANE	11.162	83	426460	5.37	PPBV	98
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	1029084	5.30	PPBV	98
42) 1,4-DIOXANE	11.189	88	92642	5.63	PPBV #	82
43) HEPTANE	11.461	43	346446	5.48	PPBV	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:51 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration

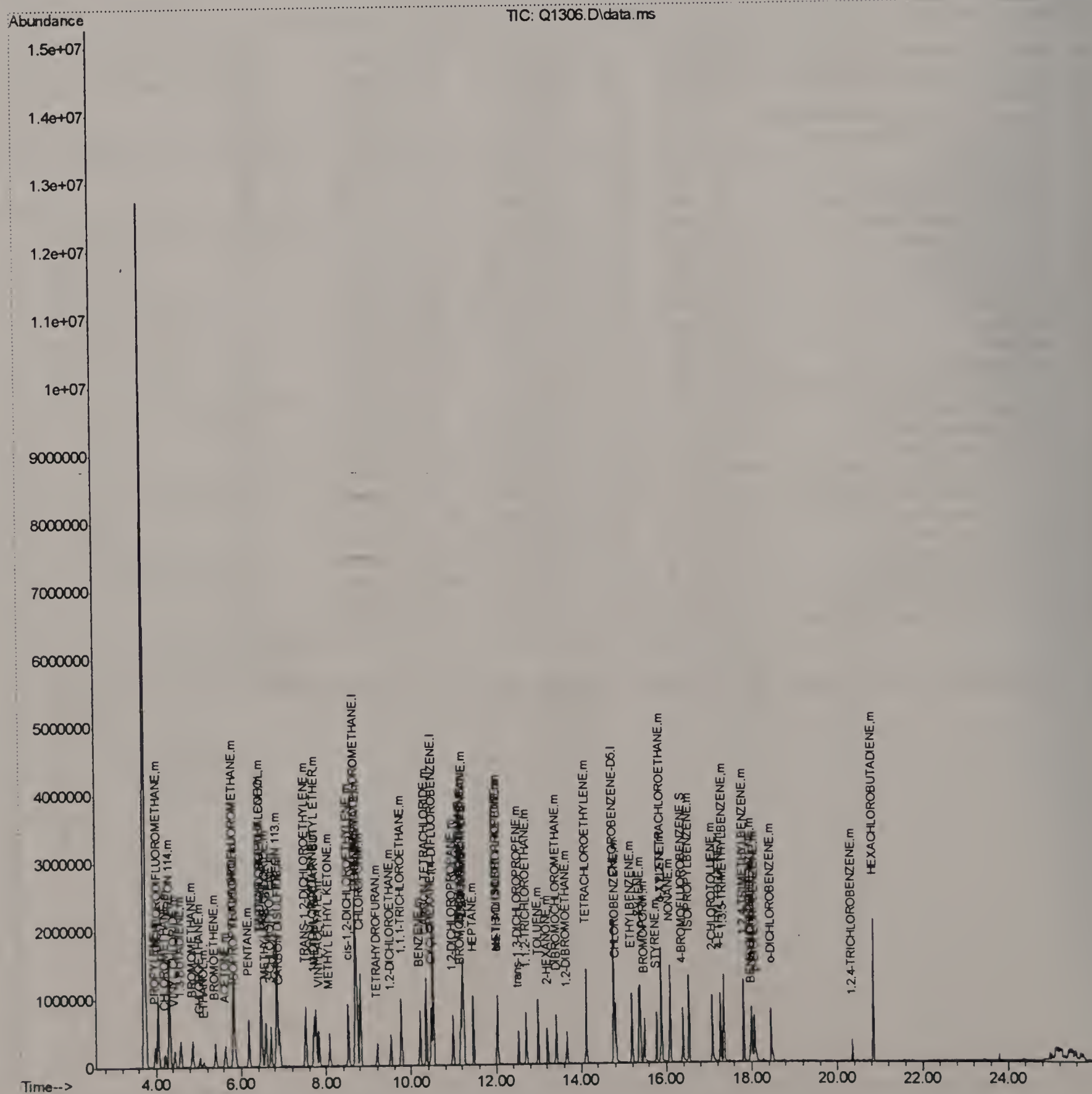
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	429062	5.88	PPBV	97
45) cis-1,3-DICHLOROPROPENE	12.018	75	273357	5.82	PPBV	93
46) TOLUENE	12.982	92	328839	5.90	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.517	75	189193	6.12	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.705	83	170815	5.52	PPBV	96
50) 2-HEXANONE	13.203	43	332778	6.03	PPBV	97
51) TETRACHLOROETHYLENE	14.119	164	213622	5.18	PPBV	94
52) DIBROMOCHLOROMETHANE	13.408	129	279555	5.21	PPBV	99
53) 1,2-DIBROMOETHANE	13.658	107	241721	5.45	PPBV	100
54) CHLOROBENZENE	14.810	112	342801	5.16	PPBV	94
55) ETHYLBENZENE	15.188	91	627568	5.76	PPBV	99
56) m,p-XYLENE	15.385	106	466201m	11.29	PPBV	
57) o-XYLENE	15.883	106	232620	5.60	PPBV	99
58) STYRENE	15.764	104	271769	5.96	PPBV	96
59) NONANE	16.084	43	513931	5.55	PPBV	90
60) BROMOFORM	15.480	173	243750	4.94	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	389441	5.28	PPBV	96
63) ISOPROPYLBENZENE	16.526	105	711679	5.58	PPBV	96
64) 2-CHLOROTOLUENE	17.078	91	500832	5.90	PPBV	97
65) 4-ETHYLTOLUENE	17.264	105	515610	6.10	PPBV	94
66) 1,3,5-TRIMETHYLBENZENE	17.346	105	575603	5.76	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	513287	6.04	PPBV	97
68) m-DICHLOROBENZENE	17.990	146	243586	5.44	PPBV	99
69) BENZYL CHLORIDE	17.972	91	202244	5.26	PPBV	98
70) p-DICHLOROBENZENE	18.066	146	252557	5.48	PPBV	84
71) o-DICHLOROBENZENE	18.453	146	259147	5.65	PPBV	97
72) HEXACHLOROBUTADIENE	20.842	225	233773	5.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.356	180	64373	5.71	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1306.D  
Acq On    : 7 Aug 2006      1:05 pm  
Operator   : PhilipB  
Sample     : IC68-5 (M140)  
Misc       : MS11916,MSQ68,,,,,1  
ALS Vial   : 2      Sample Multiplier: 1
```

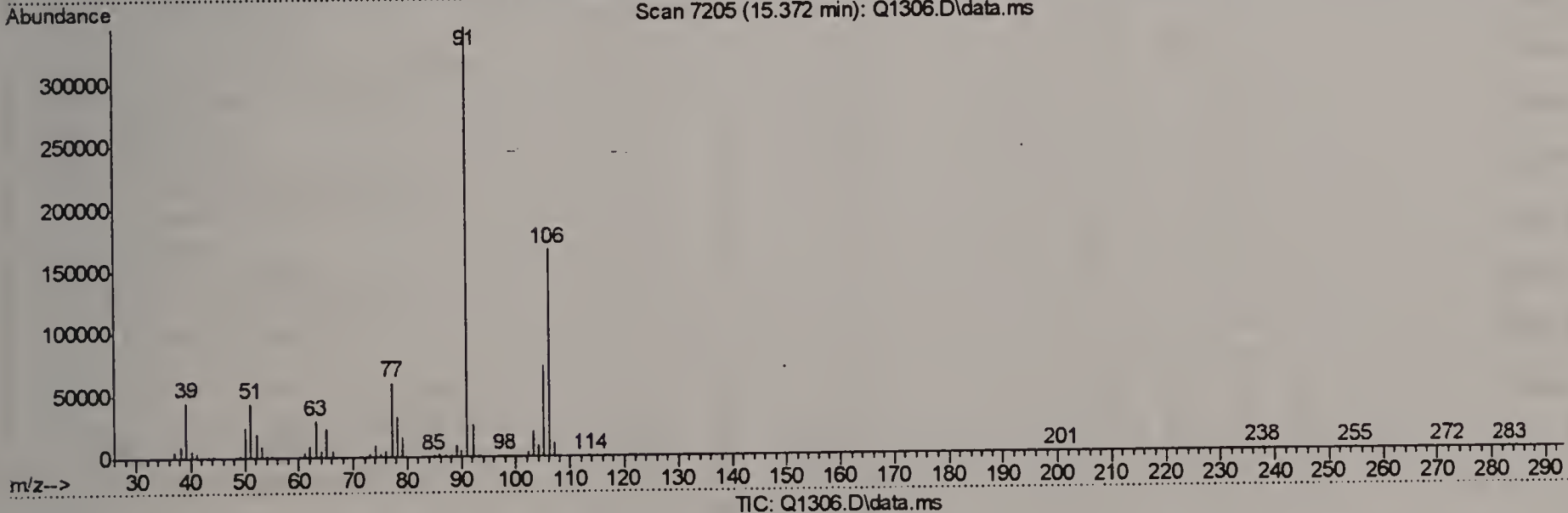
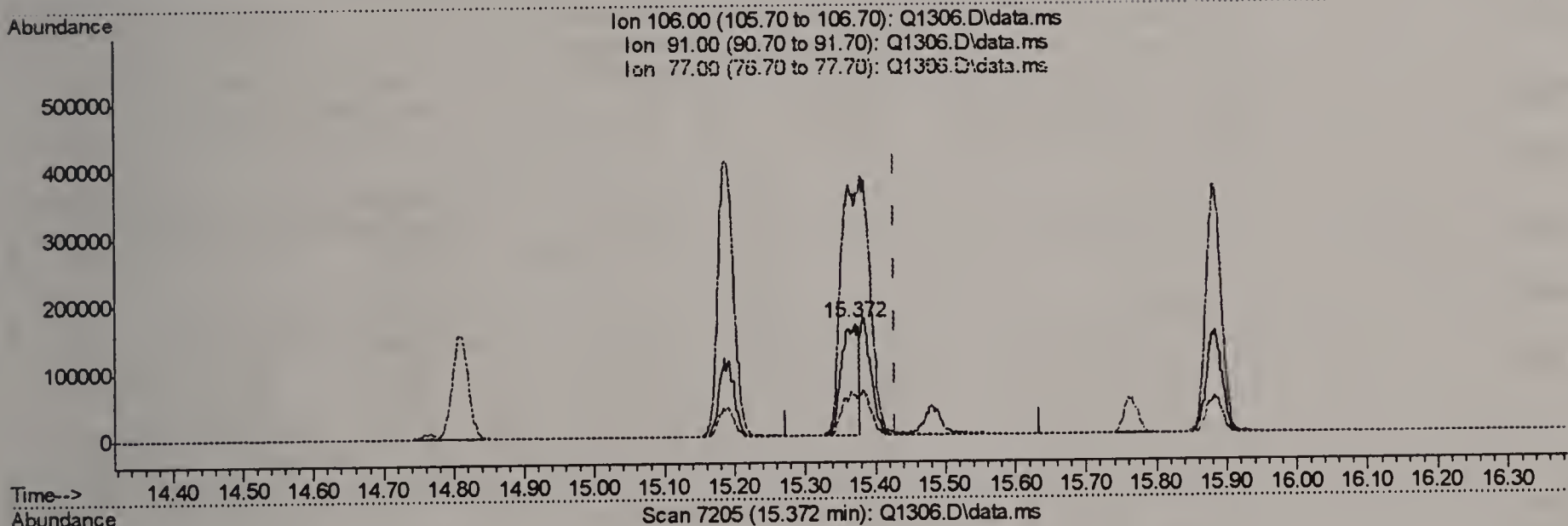
Quant Time: Aug 07 18:43:51 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:06:23 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.372min (-0.057) 6.67PPBV

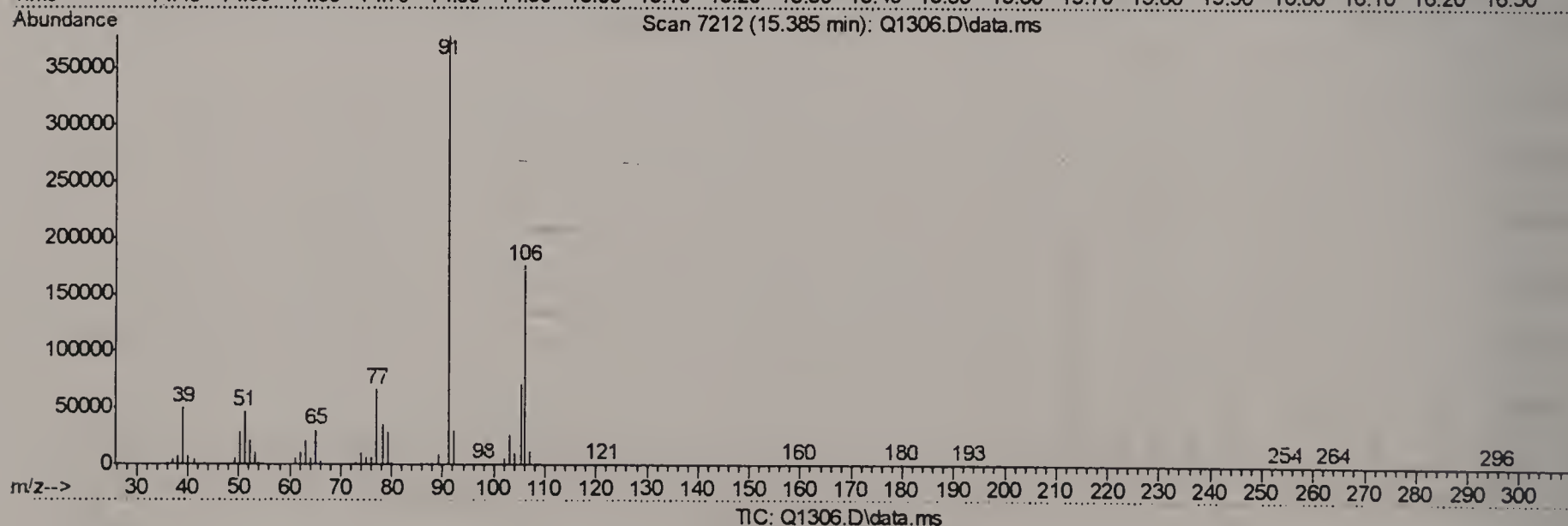
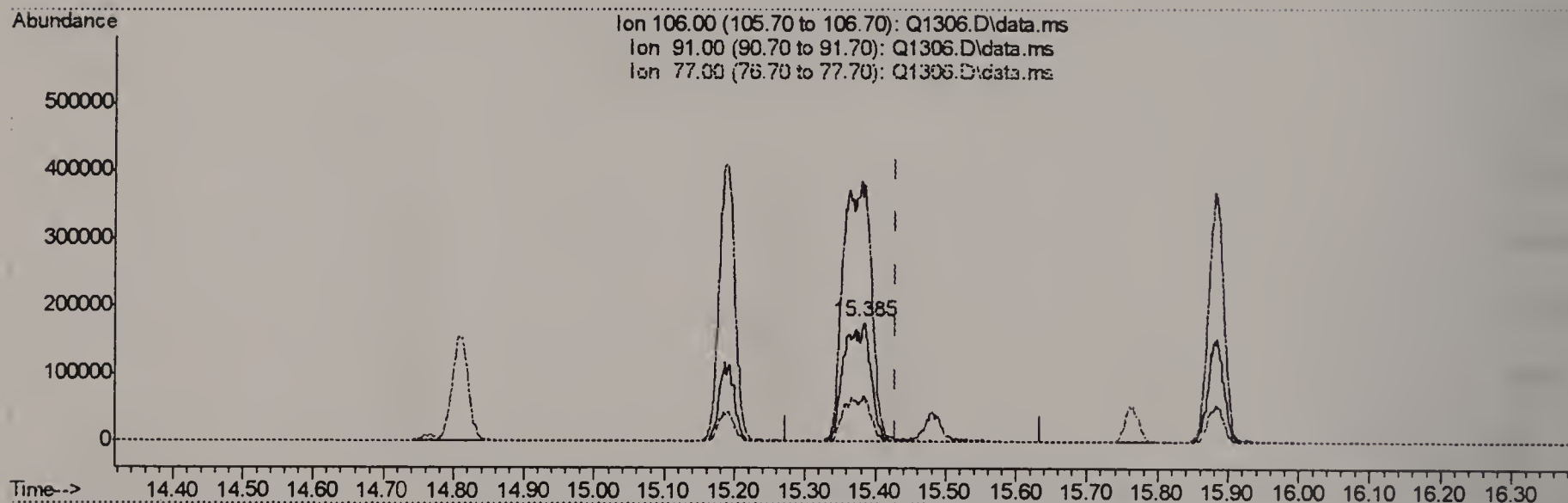
response 275213

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	206.90
77.00	31.80	35.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Operator : PhilipB
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:43:08 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:06:23 2006
 Response via : Initial Calibration



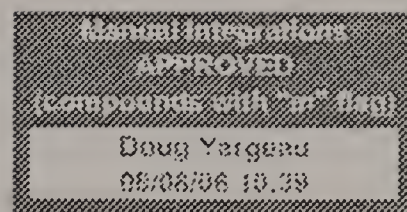
(56) m,p-XYLENE (m)

15.385min (-0.044) 11.29PPBV m

response 466201

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	214.61
77.00	31.80	37.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:22 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.680	128	466770	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1135344	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	738300	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.382	95	177124	4.75	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	95.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	474366	2.29	PPBV	99
3) PROPYLENE	3.969	41	76165	2.28	PPBV	91
4) FREON 114	4.307	85	440437	2.28	PPBV	97
5) CHLOROMETHANE	4.213	50	102590	2.05	PPBV	91
6) VINYL CHLORIDE	4.440	62	119815	2.15	PPBV	93
7) 1,3-BUTADIENE	4.575	39	110082	2.29	PPBV #	63
8) BROMOMETHANE	4.851	94	125479	2.28	PPBV	98
9) CHLOROETHANE	5.025	64	51881	2.07	PPBV	98
10) TRICHLOROFLUOROMETHANE	5.822	101	540708	2.24	PPBV	99
11) ISOPROPYL ALCOHOL	5.859	45	122438	1.97	PPBV	80
12) ACETONE	5.623	43	165921	2.03	PPBV	84
13) PENTANE	6.183	42	119459	2.27	PPBV	84
14) 1,1-DICHLOROETHYLENE	6.466	96	107227	2.11	PPBV	92
15) CARBON DISULFIDE	6.896	76	326238	2.30	PPBV	90
16) ETHANOL	5.118	45	34473	1.92	PPBV	77
17) BROMOETHENE	5.393	106	100258	2.29	PPBV #	89
18) METHYLENE CHLORIDE	6.573	84	106160	1.78	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	155792	2.22	PPBV #	69
20) FREON 113	6.843	151	269957	2.24	PPBV	88
21) TRANS-1,2-DICHLOROETHY...	7.510	96	117974	2.26	PPBV	93
22) TERTIARY BUTYL ALCOHOL	6.465	59	165592	2.15	PPBV	79
23) METHYL TERTIARY BUTYL ...	7.757	73	243346	1.94	PPBV	83
24) TETRAHYDROFURAN	9.198	42	52265	1.83	PPBV	78
25) HEXANE	8.715	57	180756	2.19	PPBV #	81
26) VINYL ACETATE	7.831	43	241834	1.97	PPBV	88
27) 1,1-DICHLOROETHANE	7.714	63	252834	2.21	PPBV	94
28) METHYL ETHYL KETONE	8.080	43	200812	1.97	PPBV	98
29) cis-1,2-DICHLOROETHYLENE	8.520	96	123708	2.12	PPBV	94
30) ETHYL ACETATE	8.712	43	362349	2.05	PPBV #	96
31) CHLOROFORM	8.800	83	355202	2.42	PPBV	98
32) 1,1,1-TRICHLOROETHANE	9.760	97	220828	2.29	PPBV	99
33) CARBON TETRACHLORIDE	10.346	117	240711	2.18	PPBV	100
34) 1,2-DICHLOROETHANE	9.519	62	122129	2.16	PPBV	97
36) BENZENE	10.206	78	208841	2.17	PPBV	92
37) CYCLOHEXANE	10.470	84	96684	2.11	PPBV #	69
38) TRICHLOROETHYLENE	11.205	95	100867	2.13	PPBV	92
39) 1,2-DICHLOROPROPANE	10.983	63	70423	2.06	PPBV	88
40) BROMODICHLOROMETHANE	11.166	83	155554	2.14	PPBV	96
41) 2,2,4-TRIMETHYLPENTANE	11.226	57	402474	2.27	PPBV	99
42) 1,4-DIOXANE	11.194	88	23522	1.56	PPBV #	66
43) HEPTANE	11.459	43	123005	2.13	PPBV	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:22 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration

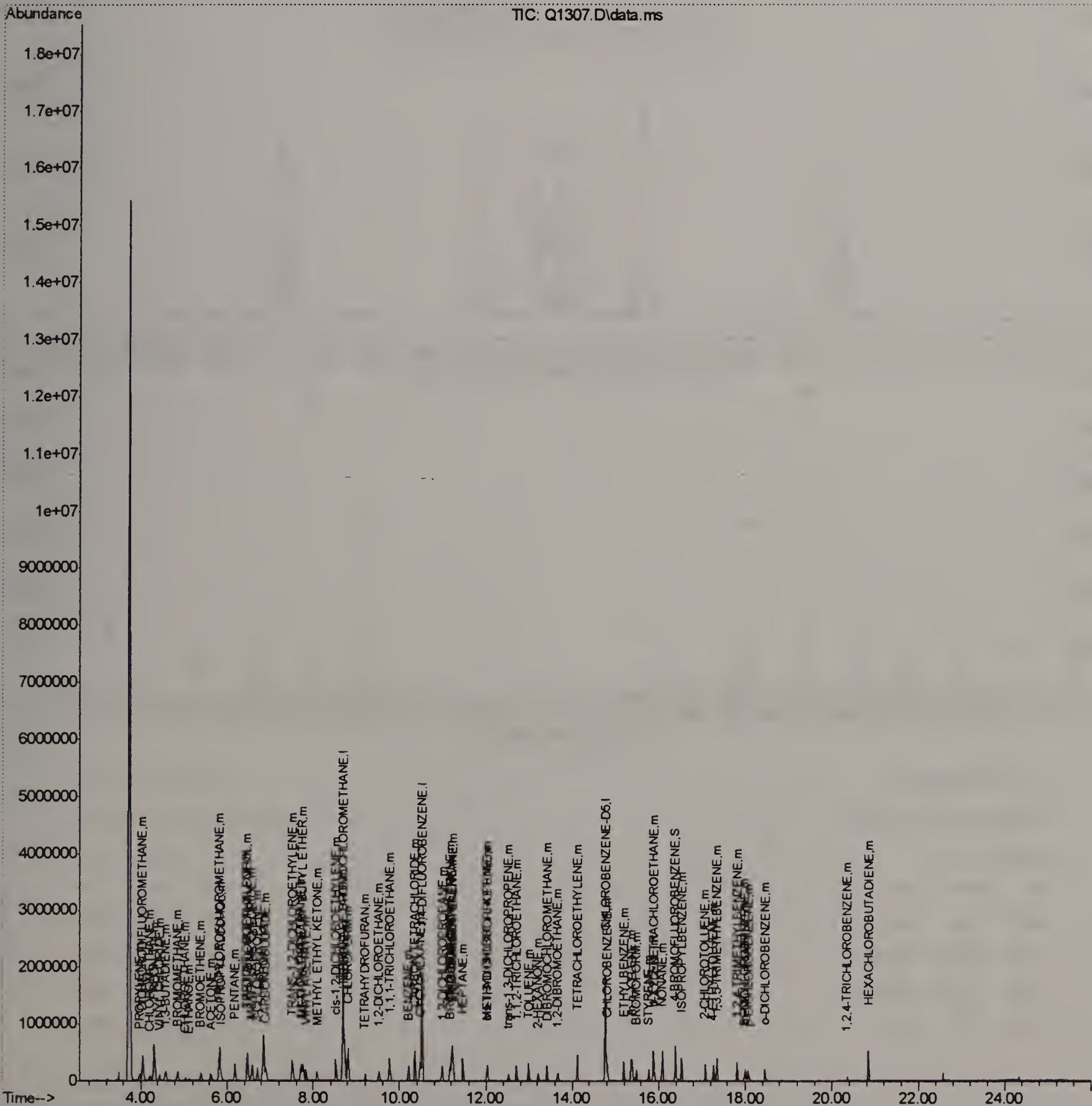
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.037	43	125620	1.88	PPBV	95
45) cis-1,3-DICHLOROPROPENE	12.016	75	82277	1.92	PPBV	94
46) TOLUENE	12.983	92	105059	2.06	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.524	75	48685	1.72	PPBV	93
48) 1,1,2-TRICHLOROETHANE	12.701	83	58725	2.07	PPBV	96
50) 2-HEXANONE	13.202	43	85578	1.77	PPBV	93
51) TETRACHLOROETHYLENE	14.116	164	73823	2.05	PPBV	93
52) DIBROMOCHLOROMETHANE	13.408	129	95877	2.05	PPBV	99
53) 1,2-DIBROMOETHANE	13.658	107	75595	1.95	PPBV	100
54) CHLOROBENZENE	14.810	112	119301	2.05	PPBV	97
55) ETHYLBENZENE	15.189	91	186514	1.96	PPBV	98
56) m,p-XYLENE	15.360	106	145470m	4.03	PPBV	
57) o-XYLENE	15.880	106	71289	1.96	PPBV	99
58) STYRENE	15.757	104	69781	1.75	PPBV	96
59) NONANE	16.079	43	173425	2.14	PPBV	89
60) BROMOFORM	15.482	173	73545	1.75	PPBV	96
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	126735	1.97	PPBV	95
63) ISOPROPYLBENZENE	16.524	105	220351	1.98	PPBV	95
64) 2-CHLOROTOLUENE	17.074	91	146437	1.97	PPBV	98
65) 4-ETHYLTOLUENE	17.261	105	134067	1.82	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.344	105	161525	1.85	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	129167	1.74	PPBV	97
68) m-DICHLOROBENZENE	17.997	146	67369m	1.74	PPBV	
69) BENZYL CHLORIDE	17.976	91	44603m	1.38	PPBV	
70) p-DICHLOROBENZENE	18.065	146	70621m	1.75	PPBV	
71) o-DICHLOROBENZENE	18.450	146	67024m	1.67	PPBV	
72) HEXACHLOROBUTADIENE	20.840	225	58326	1.53	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.352	180	14366	1.46	PPBV	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1307.D  
Acq On    : 7 Aug 2006    2:44 pm  
Operator   : PhilipB  
Sample     : IC68-2 (M140)  
Misc      : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
```

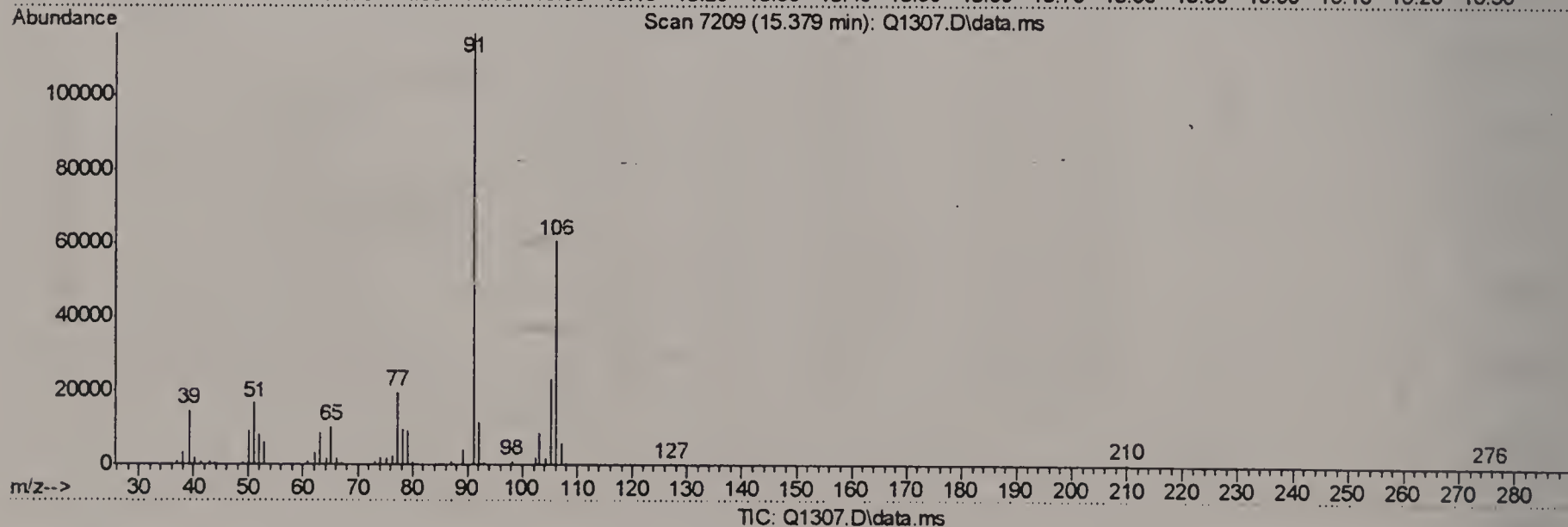
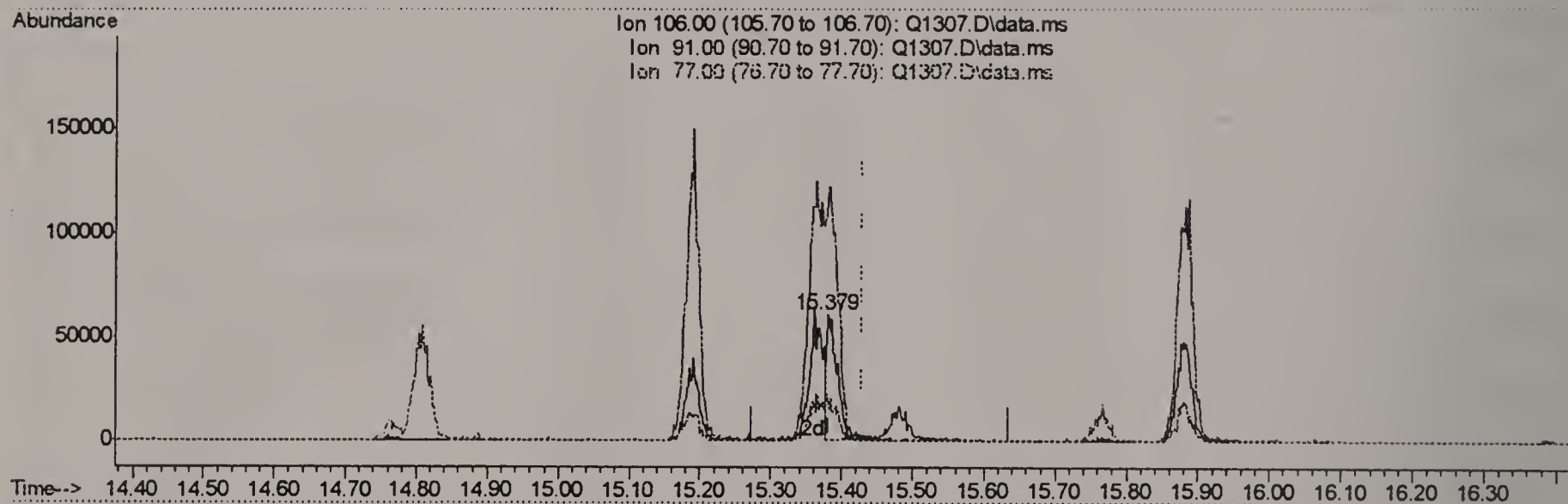
Quant Time: Aug 07 18:45:22 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:44:01 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.379min (-0.050) 1.66PPBV

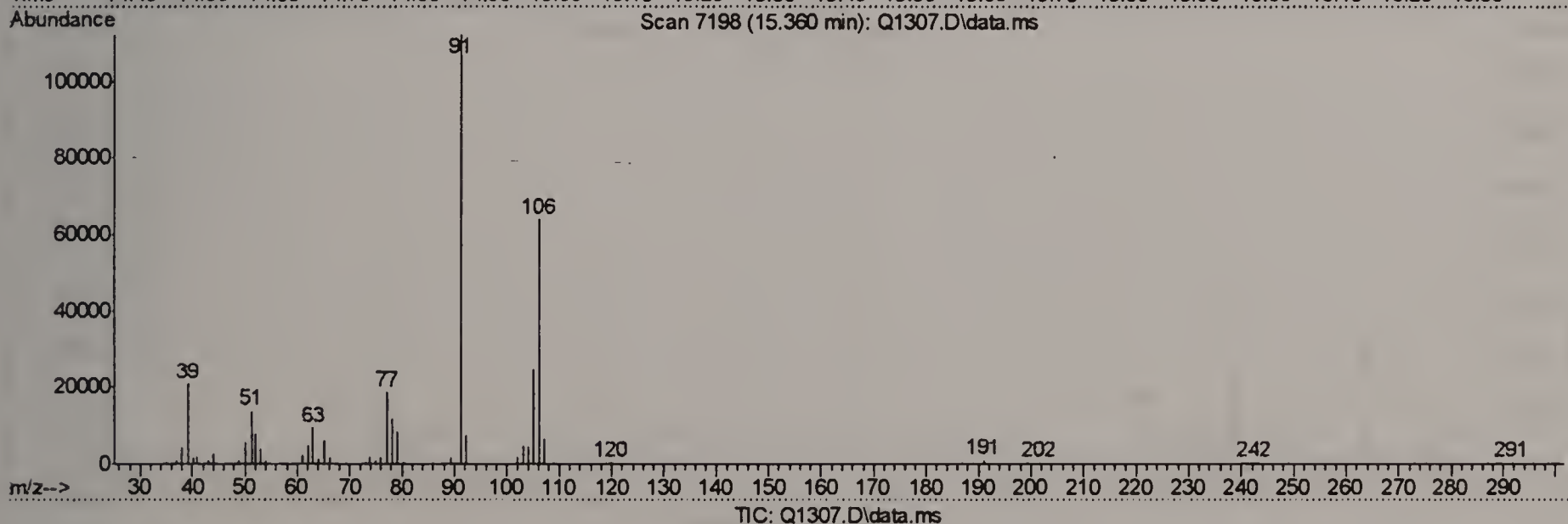
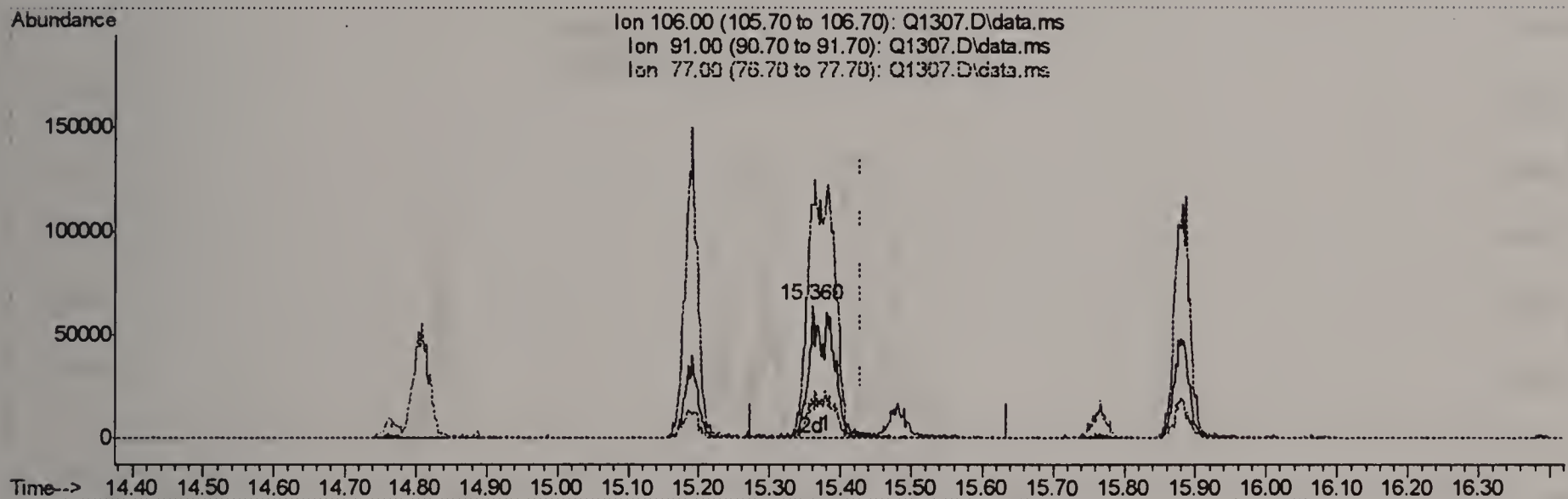
response 59940

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	192.32
77.00	31.80	32.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.360min (-0.069) 4.03PPBV m

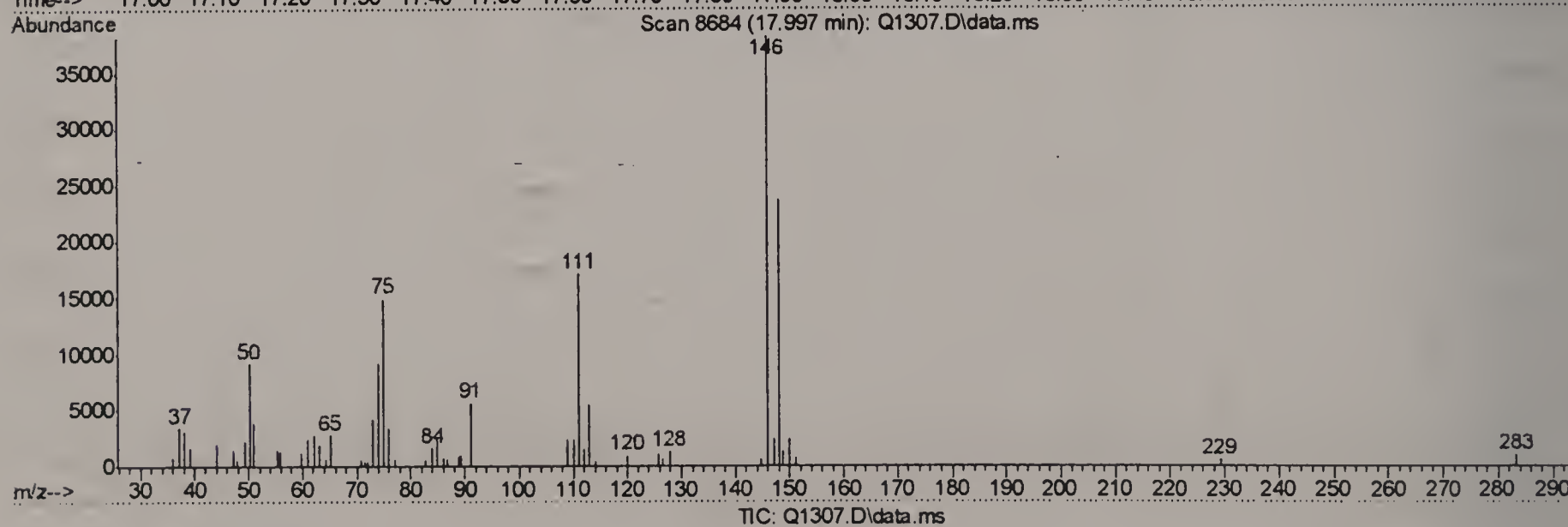
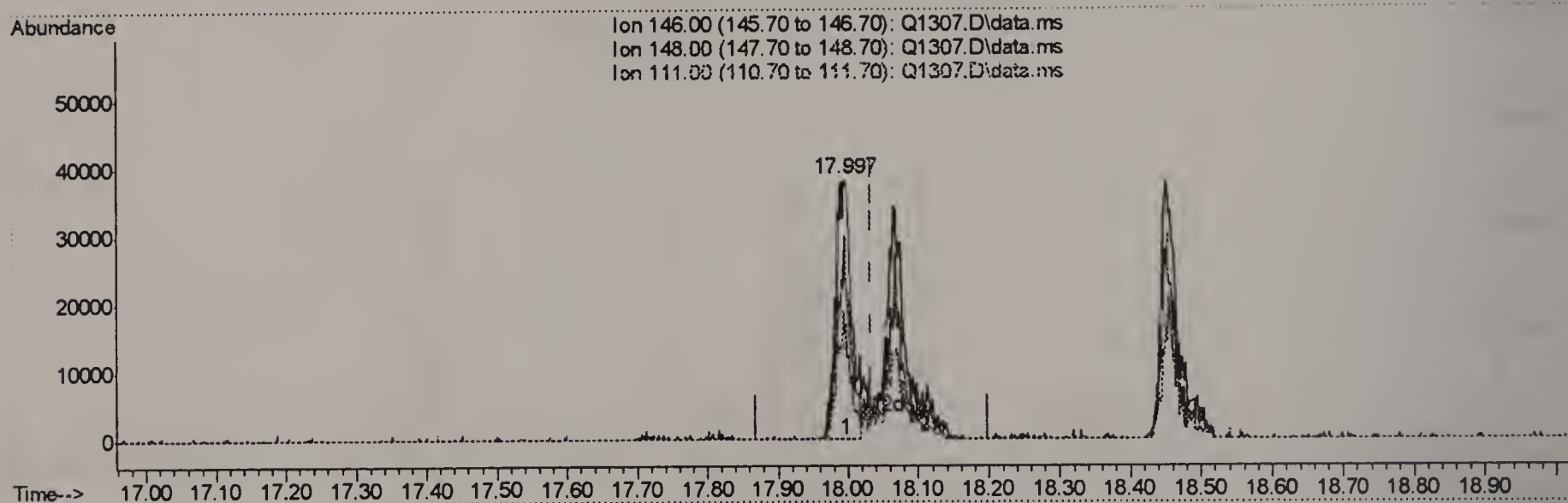
response 145470

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	174.91#
77.00	31.80	29.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.997min (-0.037) 1.60PPBV

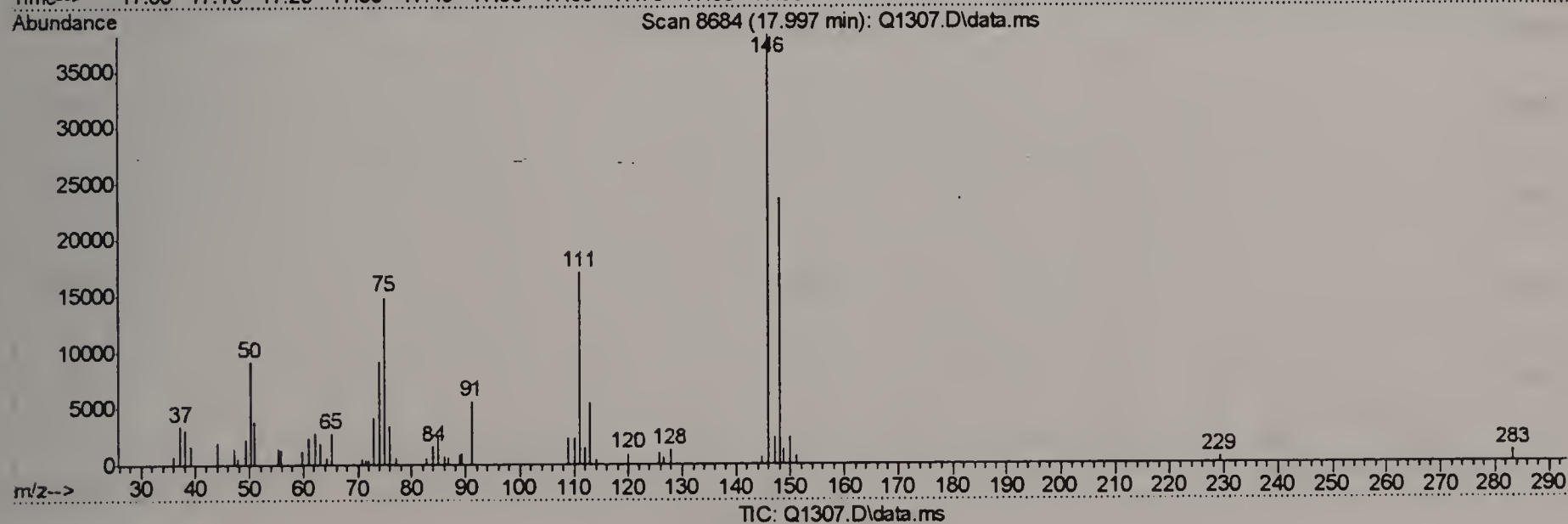
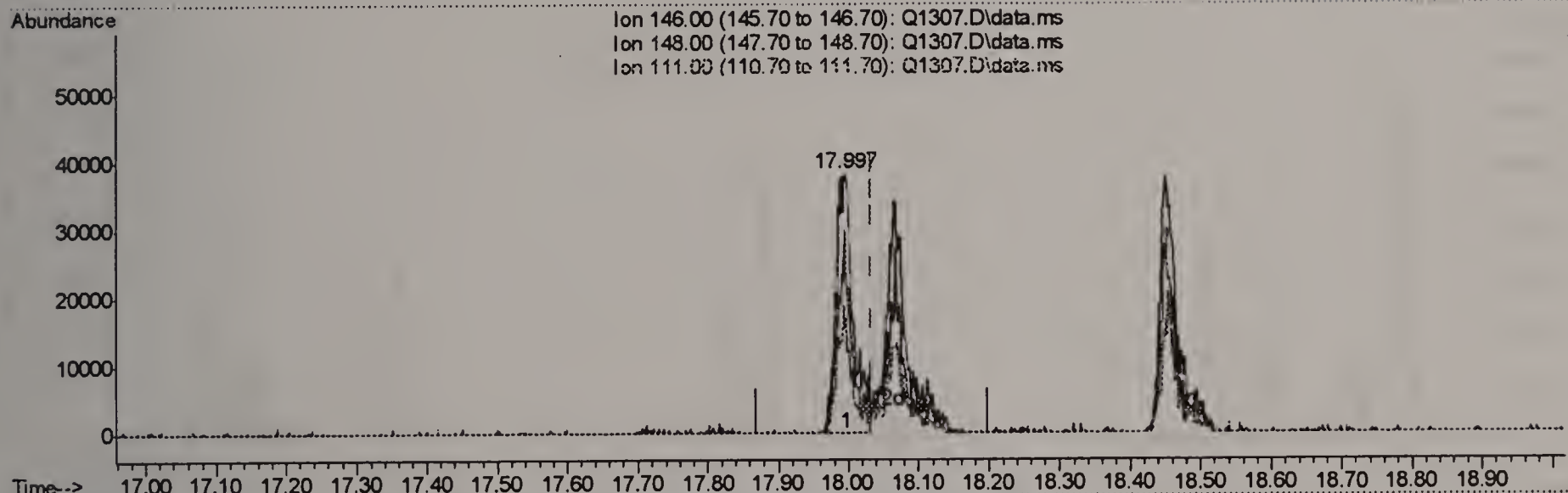
response 61851

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	70.85
111.00	44.00	41.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.997min (-0.037) 1.74PPBV m

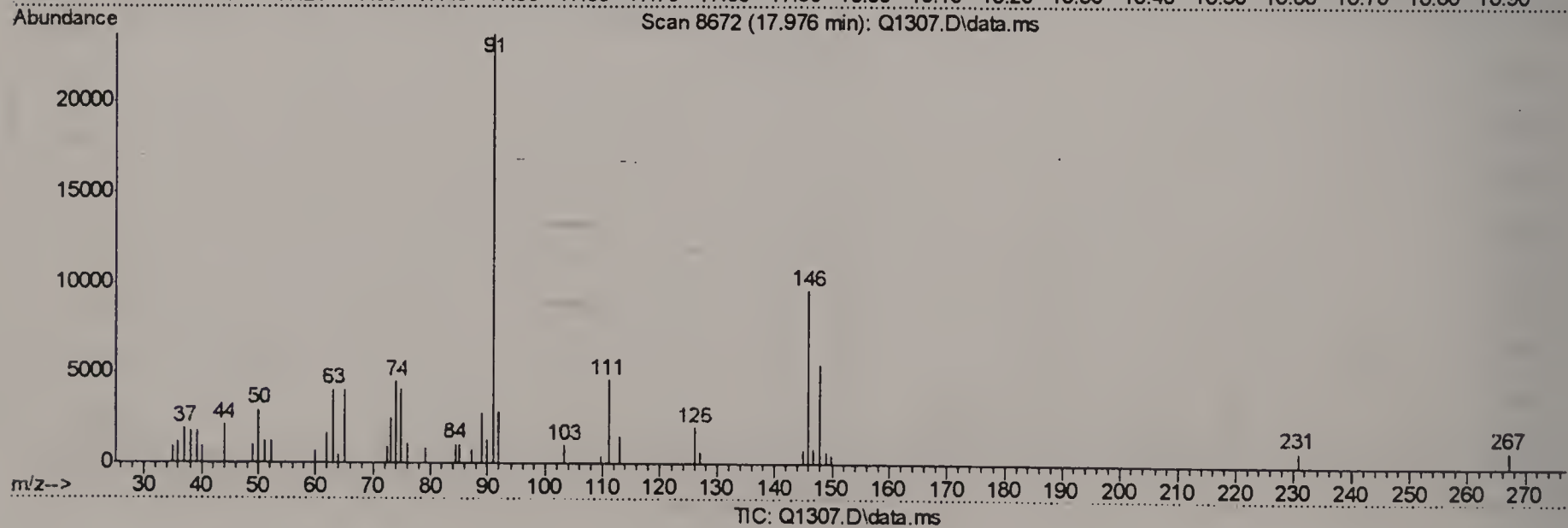
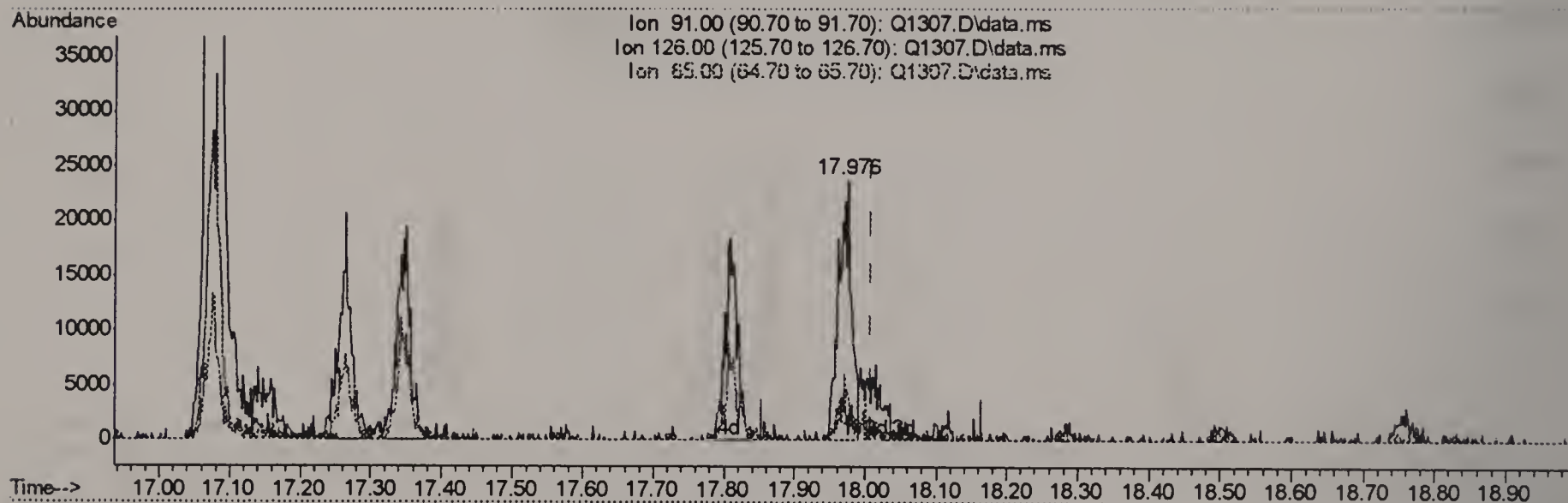
response 67369

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	65.05
111.00	44.00	38.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.976min (-0.033) 0.97PPBV

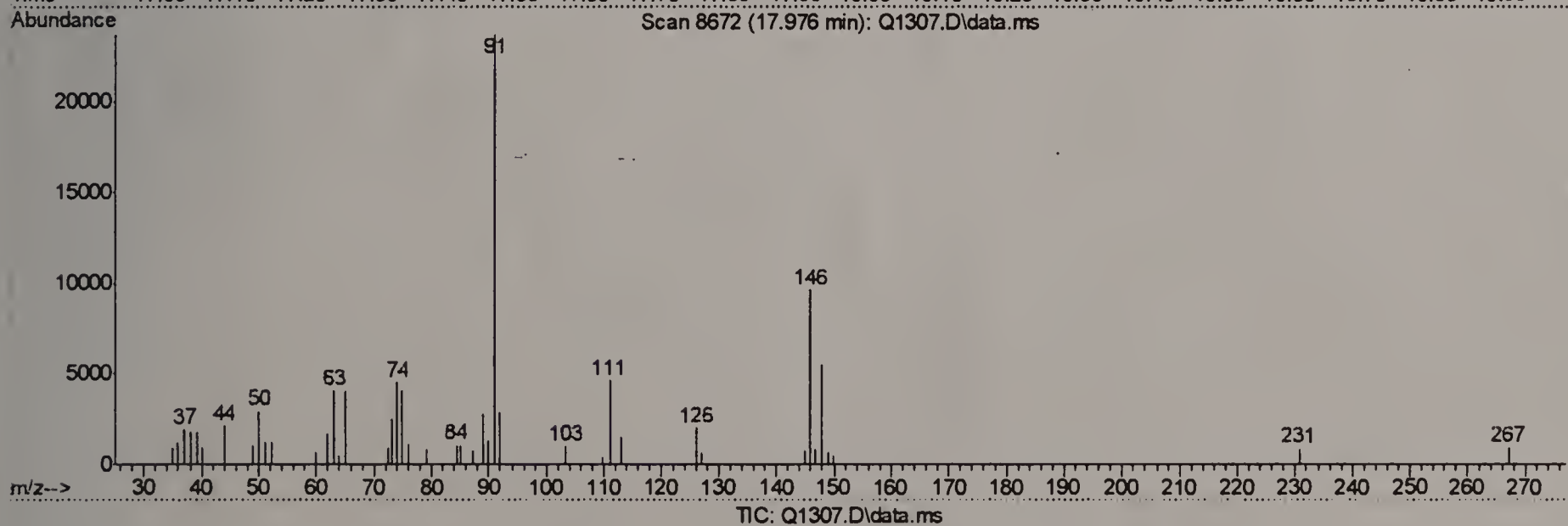
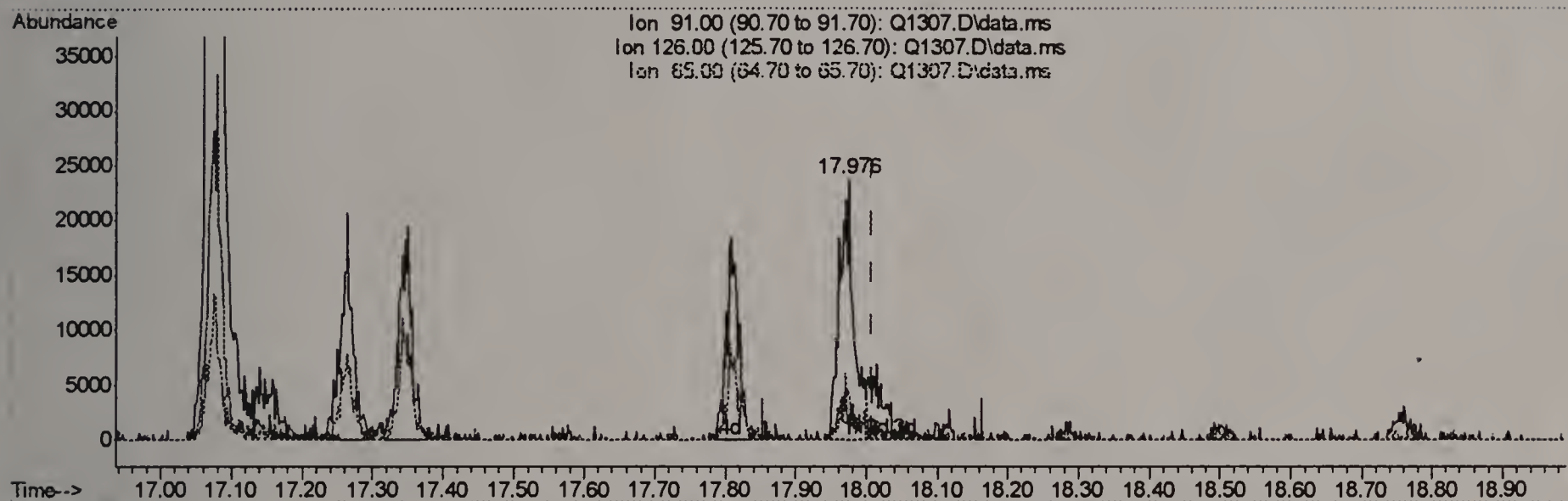
response 31409

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	9.02
65.00	14.40	17.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.976min (-0.033) 1.38PPBV m

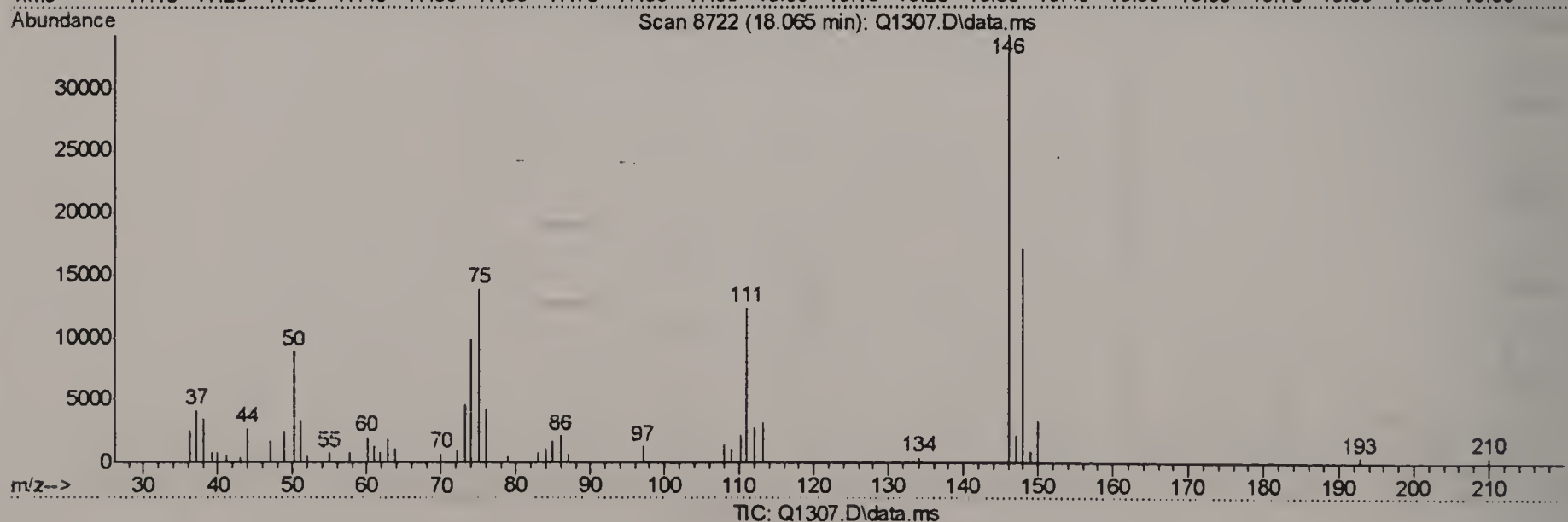
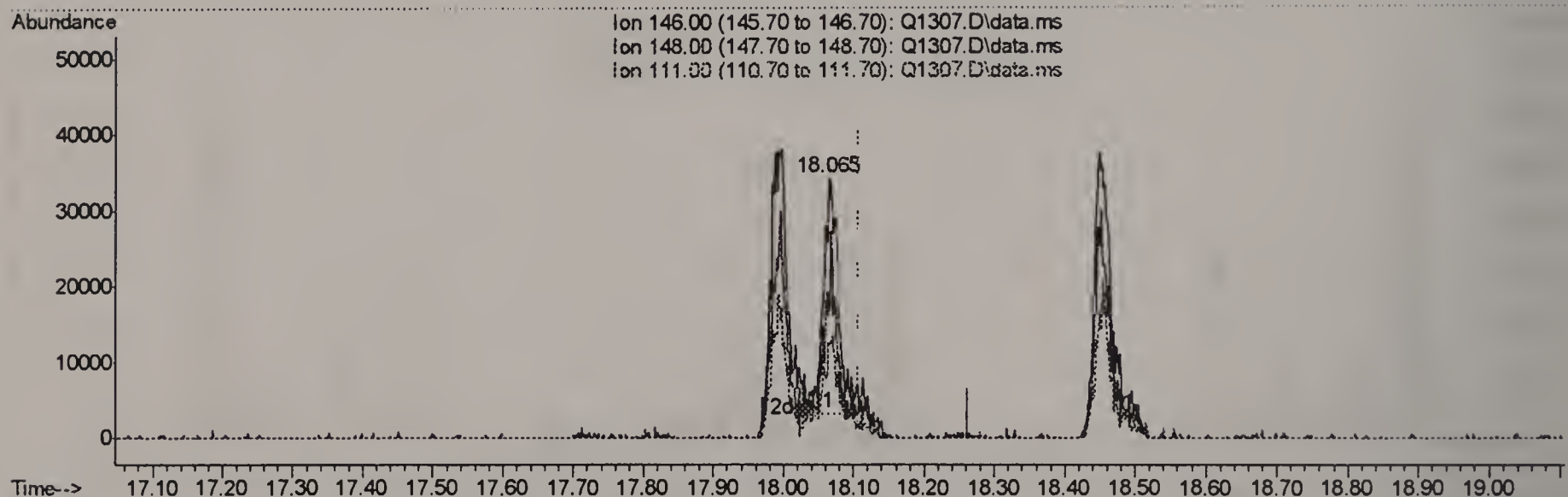
response 44603

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	6.35
65.00	14.40	12.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.065min (-0.042) 1.10PPBV

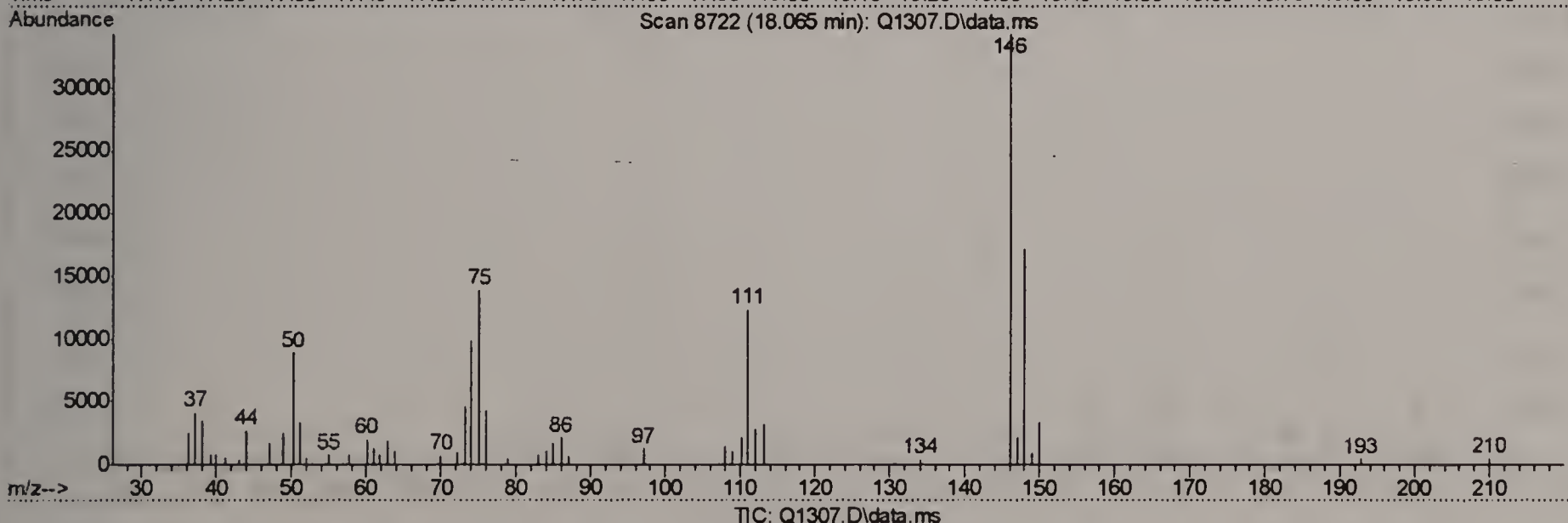
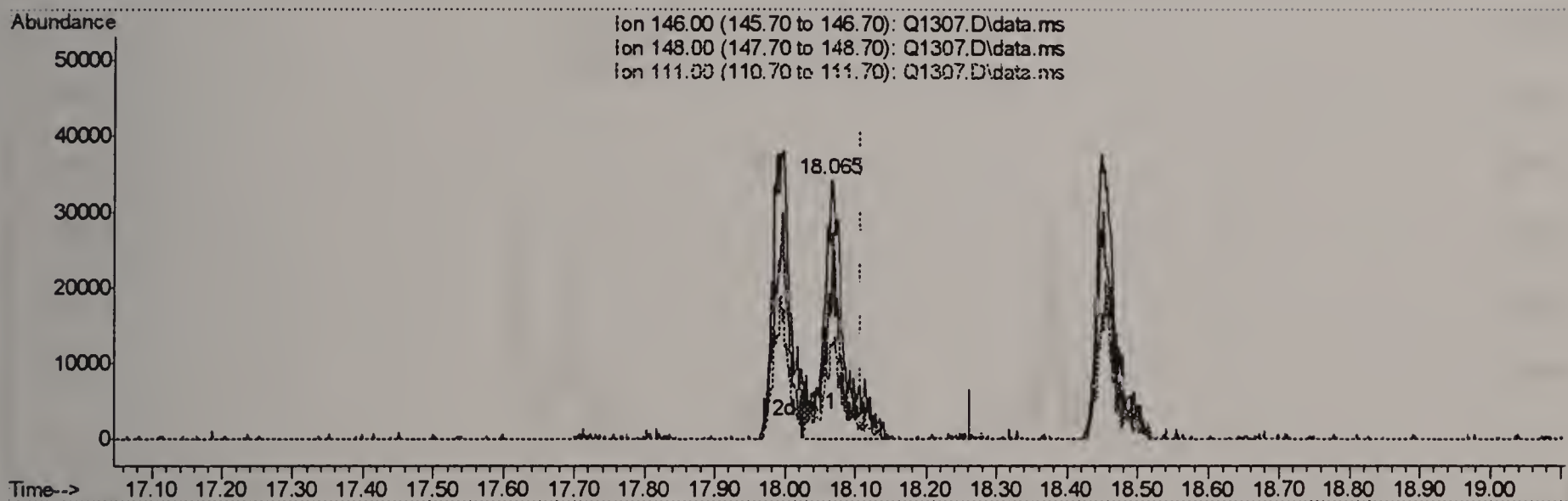
response 44260

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	56.87
111.00	42.40	31.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.065min (-0.042) 1.75PPBV m

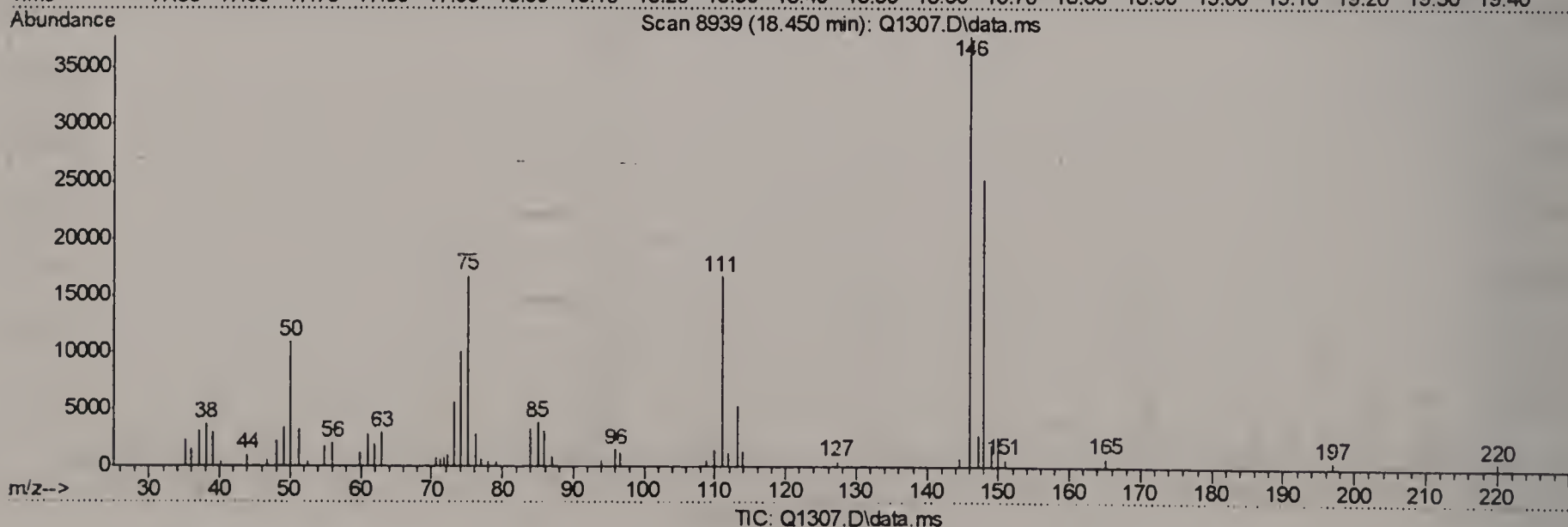
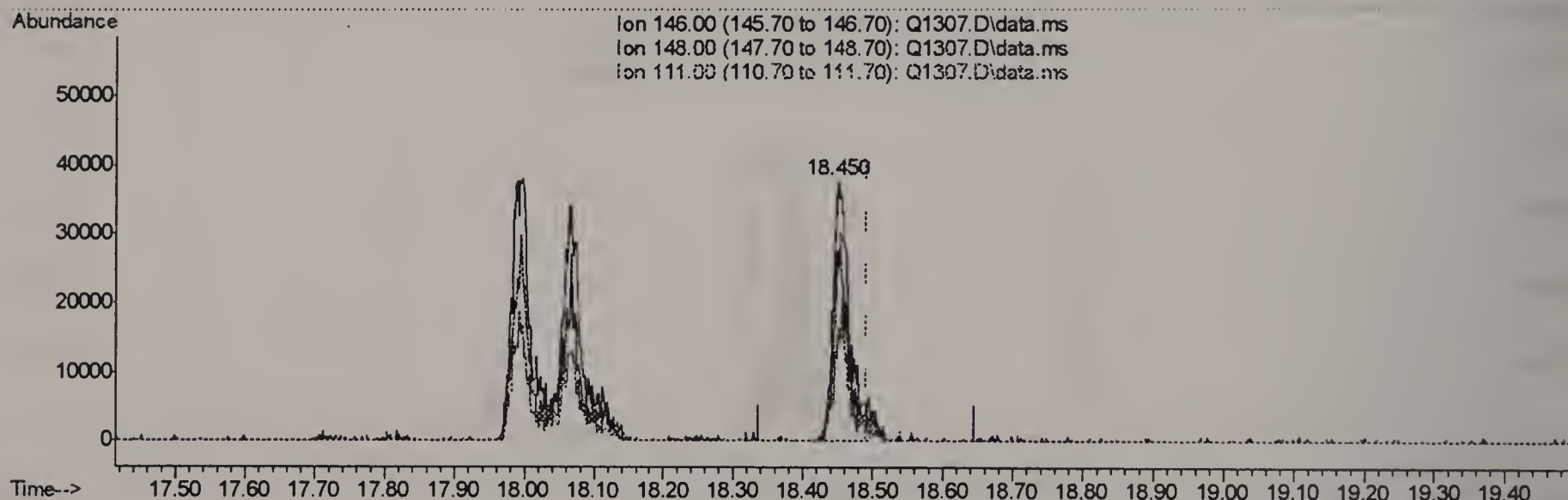
response 70621

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	35.64#
111.00	42.40	19.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.450min (-0.042) 1.59PPBV

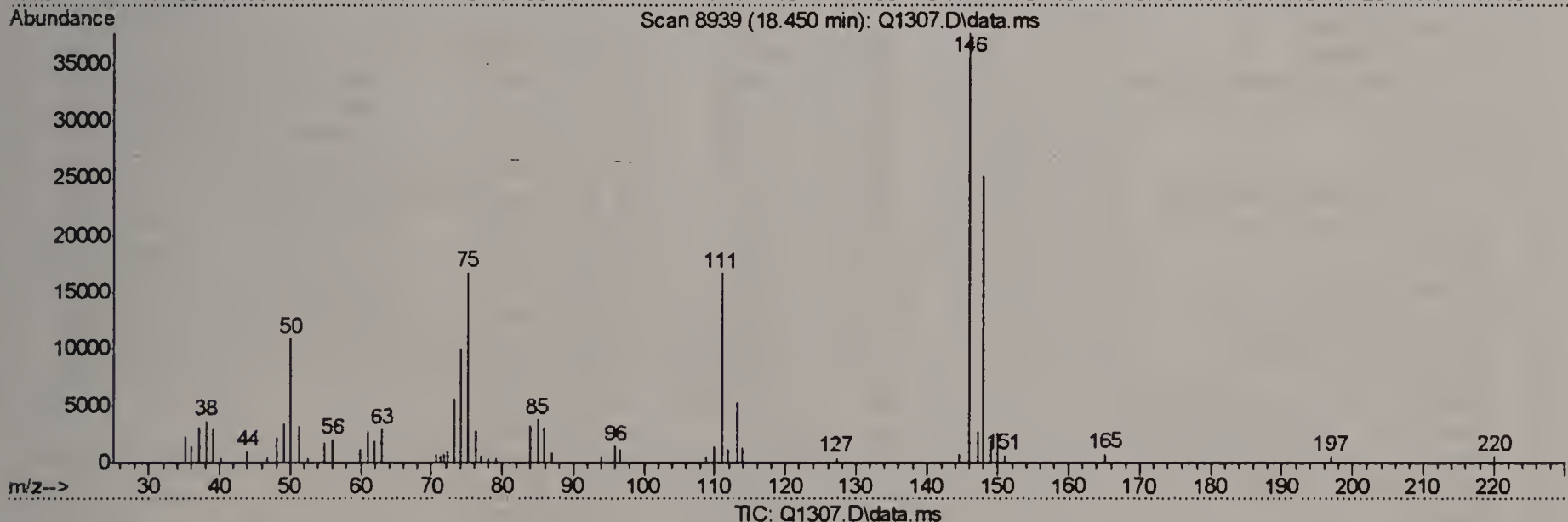
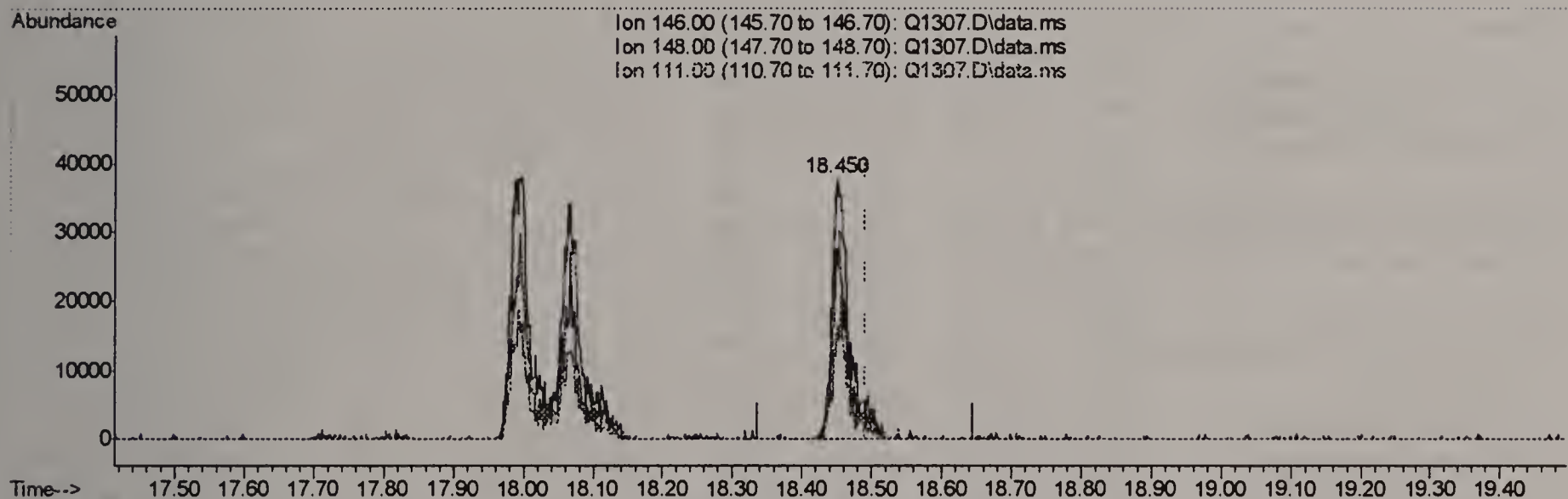
response 63818

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	62.97
111.00	45.70	46.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1307.D
 Acq On : 7 Aug 2006 2:44 pm
 Operator : PhilipB
 Sample : IC68-2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:44:07 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:44:01 2006
 Response via : Initial Calibration



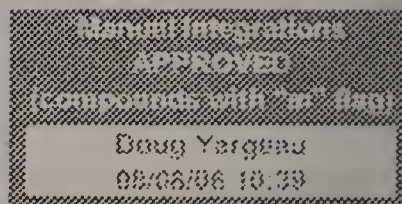
(71) o-DICHLOROBENZENE (m)

18.450min (-0.042) 1.67PPBV m

response 67024

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	59.96
111.00	45.70	44.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:19 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	543338	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.516	114	1237069	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	761409	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.382	95	177761m	4.77	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	95.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.038	85	138358	0.57	PPBV	76
3) PROPYLENE	3.975	41	20716m	0.53	PPBV	
4) FREON 114	4.310	85	122546	0.55	PPBV	98
5) CHLOROMETHANE	4.216	50	28925	0.50	PPBV	78
6) VINYL CHLORIDE	4.431	62	33497	0.52	PPBV	95
7) 1,3-BUTADIENE	4.578	39	29450	0.53	PPBV #	26
8) BROMOMETHANE	4.857	94	35327	0.55	PPBV	93
9) CHLOROETHANE	5.031	64	14026	0.48	PPBV #	65
10) TRICHLOROFLUOROMETHANE	5.826	101	155866	0.55	PPBV	96
11) ISOPROPYL ALCOHOL	5.863	45	37446	0.52	PPBV	88
12) ACETONE	5.629	43	52976	0.56	PPBV	90
13) PENTANE	6.181	42	33015	0.54	PPBV #	77
14) 1,1-DICHLOROETHYLENE	6.463	96	29739	0.50	PPBV	98
15) CARBON DISULFIDE	6.899	76	86616	0.53	PPBV	88
16) ETHANOL	5.121	45	12583m	0.60	PPBV	
17) BROMOETHENE	5.400	106	25922	0.51	PPBV #	84
18) METHYLENE CHLORIDE	6.575	84	35391	0.51	PPBV #	80
19) 3-CHLOROPROPENE	6.695	39	40819m	0.50	PPBV	
20) FREON 113	6.841	151	68485	0.49	PPBV #	83
21) TRANS-1,2-DICHLOROETHY...	7.515	96	30072m	0.49	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.472	59	50689	0.57	PPBV #	72
23) METHYL TERTIARY BUTYL ...	7.760	73	73718	0.50	PPBV	81
24) TETRAHYDROFURAN	9.198	42	15928m	0.48	PPBV	
25) HEXANE	8.715	57	52390	0.54	PPBV #	79
26) VINYL ACETATE	7.835	43	68618m	0.48	PPBV	
27) 1,1-DICHLOROETHANE	7.703	63	62741	0.47	PPBV	90
28) METHYL ETHYL KETONE	8.087	43	65674	0.55	PPBV	93
29) cis-1,2-DICHLOROETHYLENE	8.511	96	32491	0.48	PPBV	91
30) ETHYL ACETATE	8.711	43	110665	0.54	PPBV	99
31) CHLOROFORM	8.805	83	93821	0.55	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.758	97	47937	0.43	PPBV	91
33) CARBON TETRACHLORIDE	10.349	117	56009	0.44	PPBV	94
34) 1,2-DICHLOROETHANE	9.514	62	30851	0.47	PPBV	92
36) BENZENE	10.206	78	44567	0.42	PPBV	85
37) CYCLOHEXANE	10.476	84	28888m	0.58	PPBV	
38) TRICHLOROETHYLENE	11.196	95	26182	0.51	PPBV	91
39) 1,2-DICHLOROPROPANE	10.987	63	18657	0.50	PPBV	91
40) BROMODICHLOROMETHANE	11.164	83	36570	0.46	PPBV	86
41) 2,2,4-TRIMETHYLPENTANE	11.223	57	84857	0.44	PPBV	98
42) 1,4-DIOXANE	11.198	88	7638	0.48	PPBV #	60
43) HEPTANE	11.466	43	26722	0.42	PPBV	82

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1308.D
Acq On : 7 Aug 2006 3:27 pm
Operator : PhilipB
Sample : IC68-.5 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:19 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration

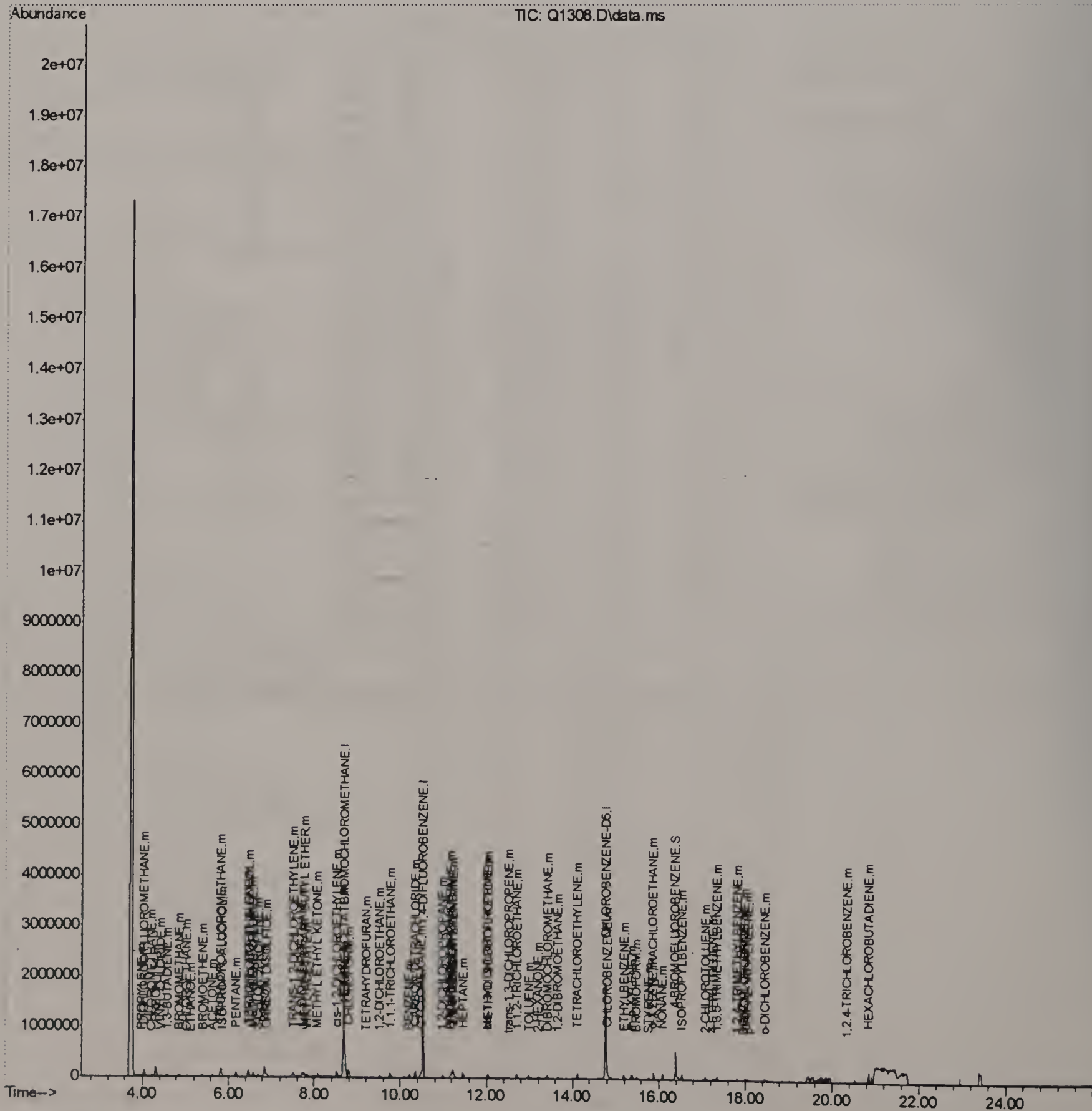
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.037	43	31858	0.44	PPBV	97
45) cis-1,3-DICHLOROPROPENE	12.021	75	19811	0.42	PPBV	93
46) TOLUENE	12.983	92	19973	0.36	PPBV	99
47) trans-1,3-DICHLOROPROPENE	12.524	75	11981	0.39	PPBV	81
48) 1,1,2-TRICHLOROETHANE	12.699	83	16259	0.53	PPBV	96
50) 2-HEXANONE	13.210	43	21056	0.42	PPBV	94
51) TETRACHLOROETHYLENE	14.108	164	18251	0.49	PPBV #	68
52) DIBROMOCHLOROMETHANE	13.407	129	23467	0.49	PPBV	95
53) 1,2-DIBROMOETHANE	13.656	107	19570	0.49	PPBV	97
54) CHLOROBENZENE	14.809	112	30943	0.52	PPBV	92
55) ETHYLBENZENE	15.188	91	37152	0.38	PPBV	89
56) m,p-XYLENE	15.365	106	29860m	0.80	PPBV	
57) o-XYLENE	15.880	106	14360	0.38	PPBV	88
58) STYRENE	15.759	104	14030m	0.34	PPBV	
59) NONANE	16.086	43	31803	0.38	PPBV	90
60) BROMOFORM	15.482	173	15743	0.38	PPBV	94
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	31858	0.49	PPBV	95
63) ISOPROPYLBENZENE	16.526	105	45834	0.40	PPBV	94
64) 2-CHLOROTOLUENE	17.078	91	31330m	0.41	PPBV	
65) 4-ETHYLTOLUENE	17.259	105	22209	0.29	PPBV	89
66) 1,3,5-TRIMETHYLBENZENE	17.344	105	30515	0.35	PPBV	97
67) 1,2,4-TRIMETHYLBENZENE	17.812	105	21061	0.28	PPBV	97
68) m-DICHLOROBENZENE	17.999	146	16580m	0.42	PPBV	
69) BENZYL CHLORIDE	17.961	91	14404m	0.43	PPBV	
70) p-DICHLOROBENZENE	18.068	146	18949m	0.45	PPBV	
71) o-DICHLOROBENZENE	18.453	146	18214m	0.44	PPBV	
72) HEXACHLOROBUTADIENE	20.844	225	20838	0.53	PPBV	96
73) 1,2,4-TRICHLOROBENZENE	20.347	180	4941	0.49	PPBV	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1308.D  
Acq On    : 7 Aug 2006    3:27 pm  
Operator   : PhilipB  
Sample     : IC68-.5 (M140)  
Misc       : MS11916,MSQ68,,,,,1  
ALS Vial   : 2    Sample Multiplier: 1
```

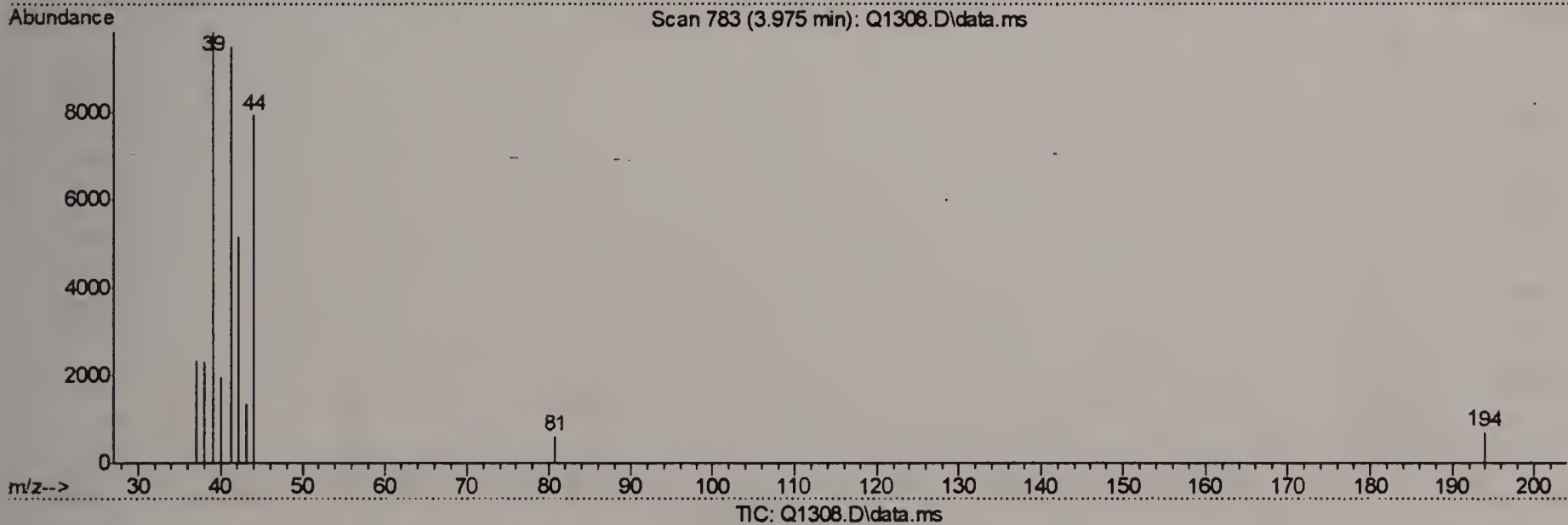
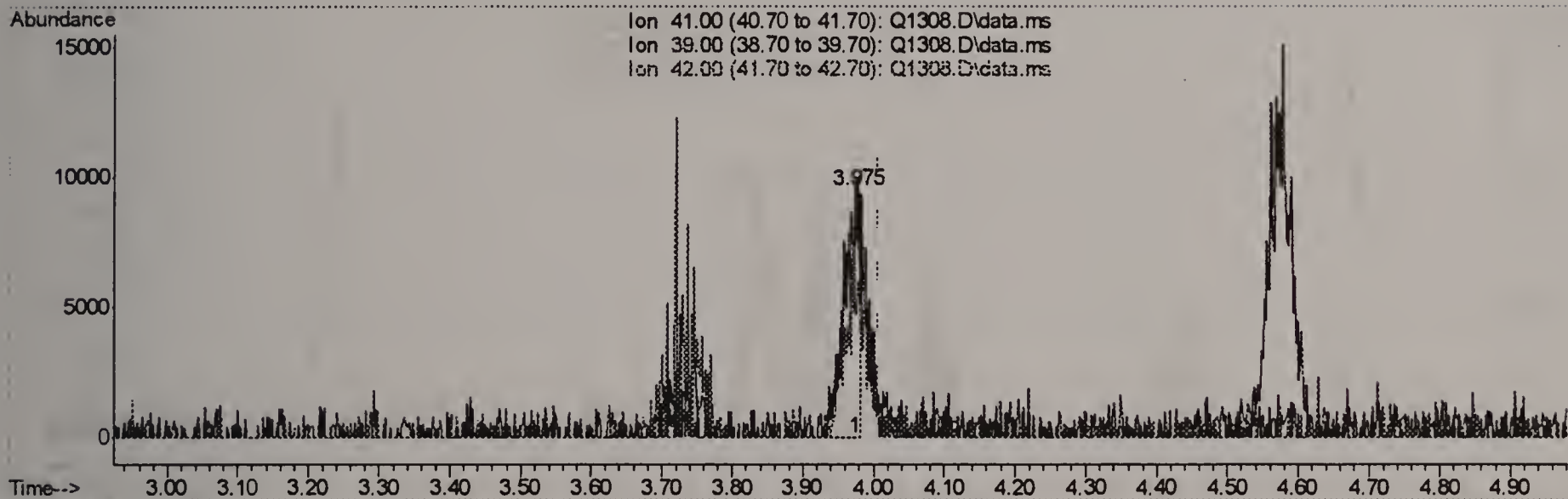
Quant Time: Aug 07 18:48:19 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.975min (-0.032) 0.36PPBV

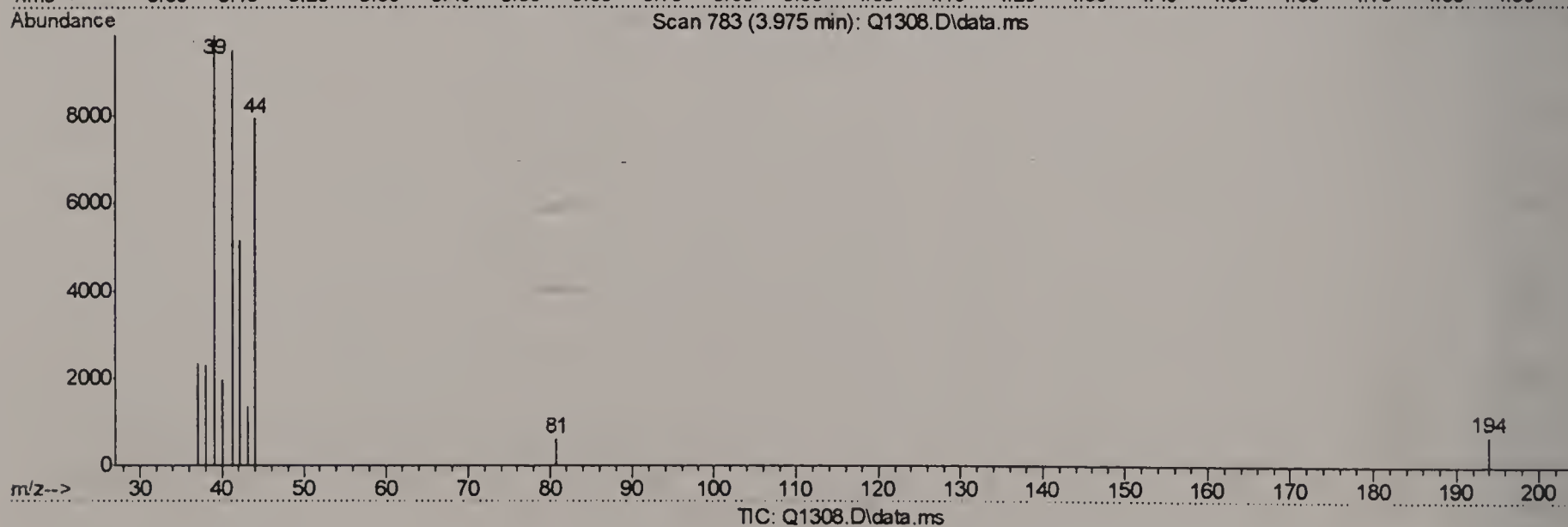
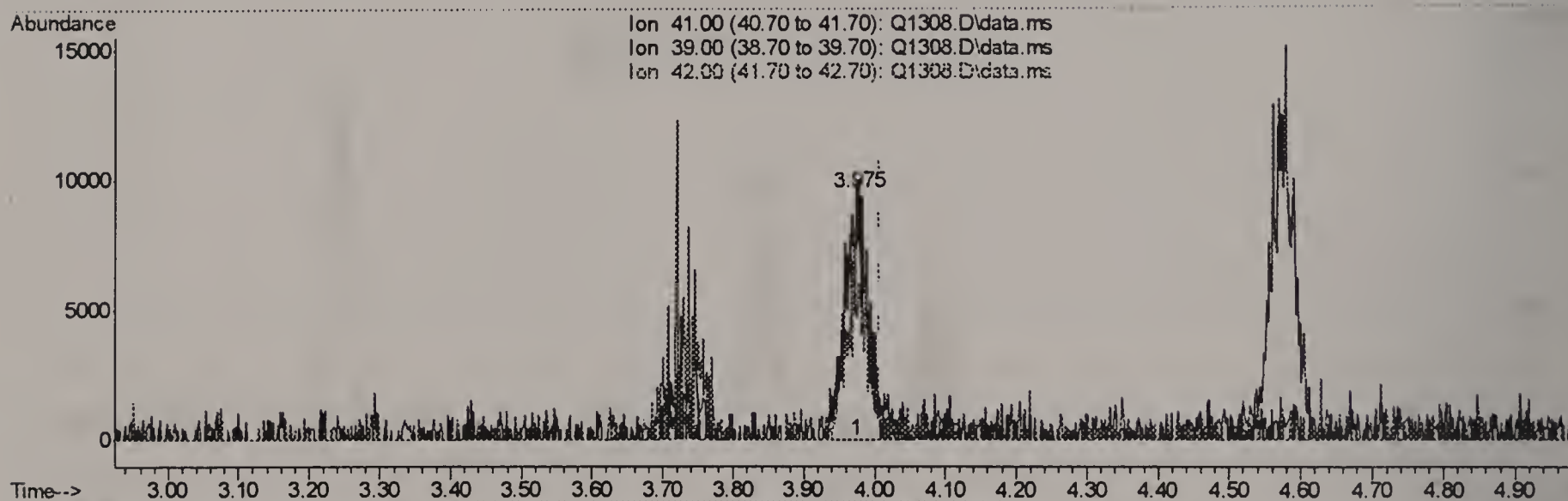
response 14043

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	103.71#
42.00	66.80	54.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(3) PROPYLENE (m)

3.975min (-0.032) 0.53PPBV m

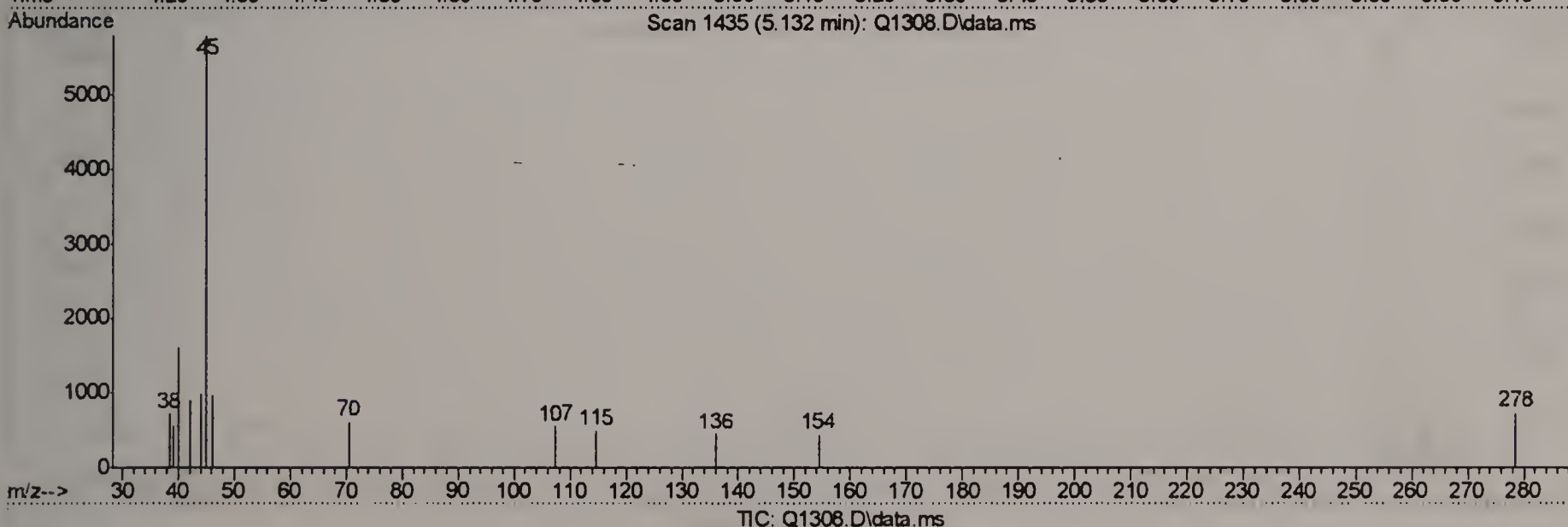
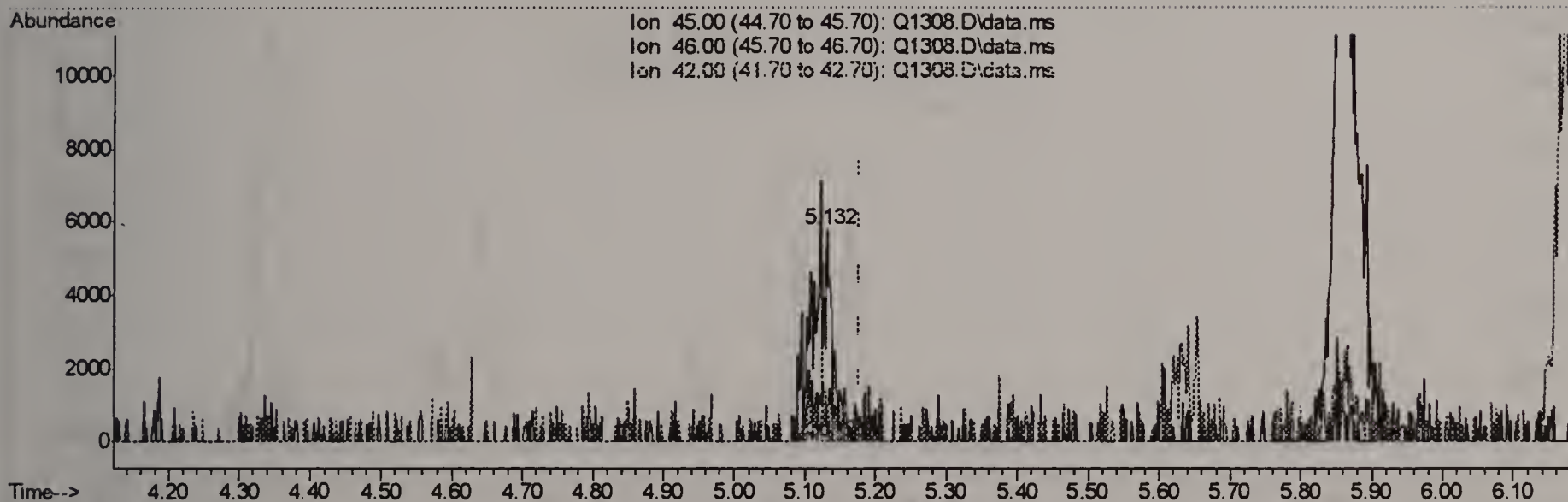
response 20716

Ion	Exp%	Act%
41.00	100	100
39.00	75.30	103.71#
42.00	66.80	54.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.132min (-0.044) 0.26PPBV

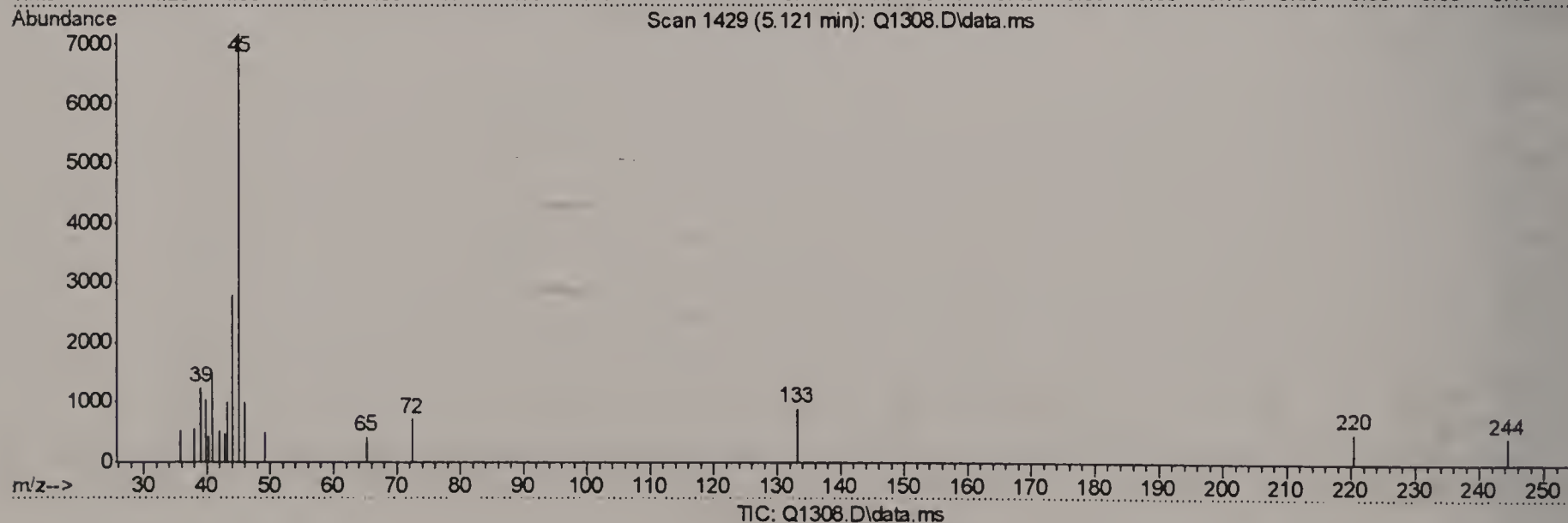
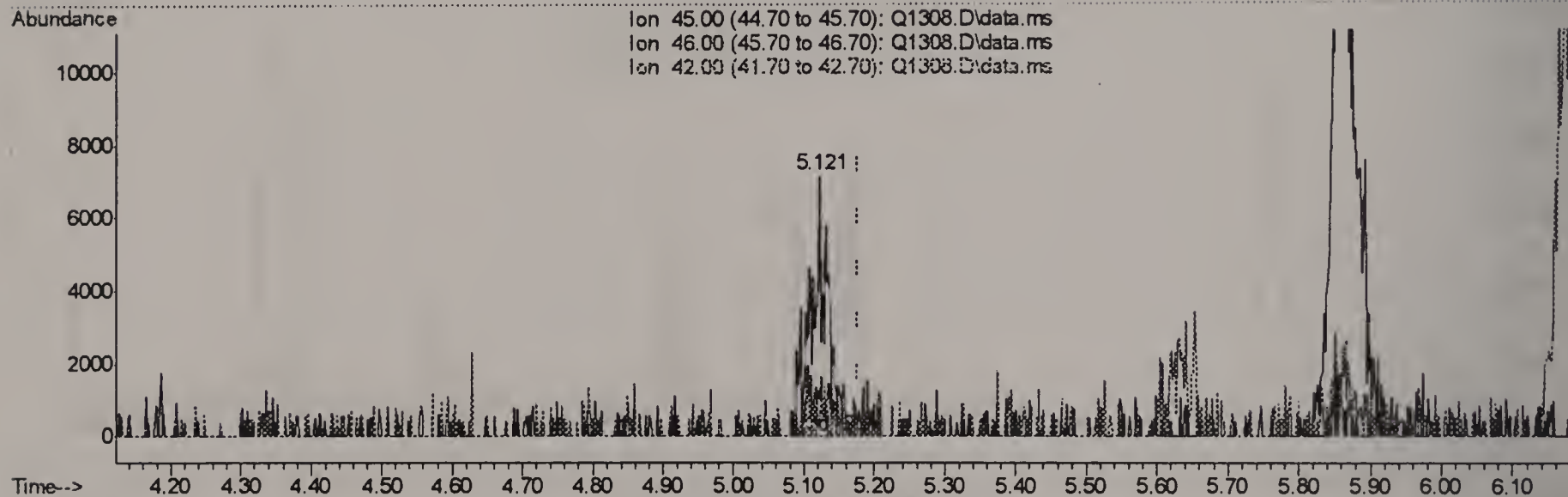
response 5443

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	14.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(16) ETHANOL (m)

5.121min (-0.055) 0.60PPBV m

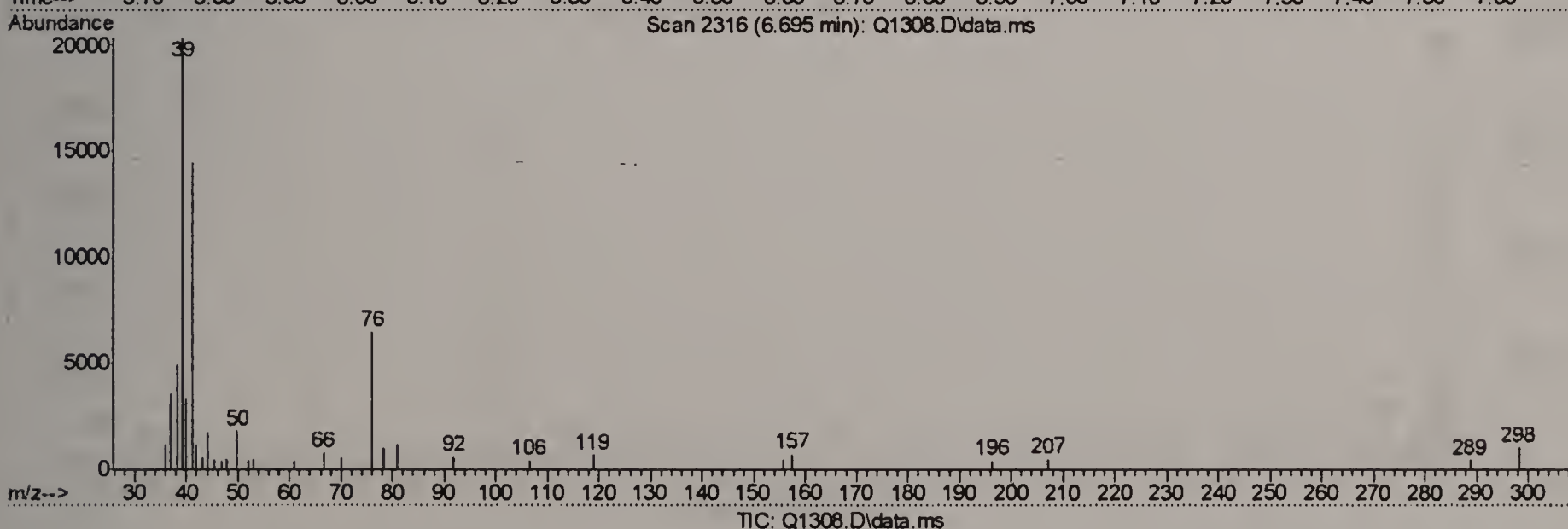
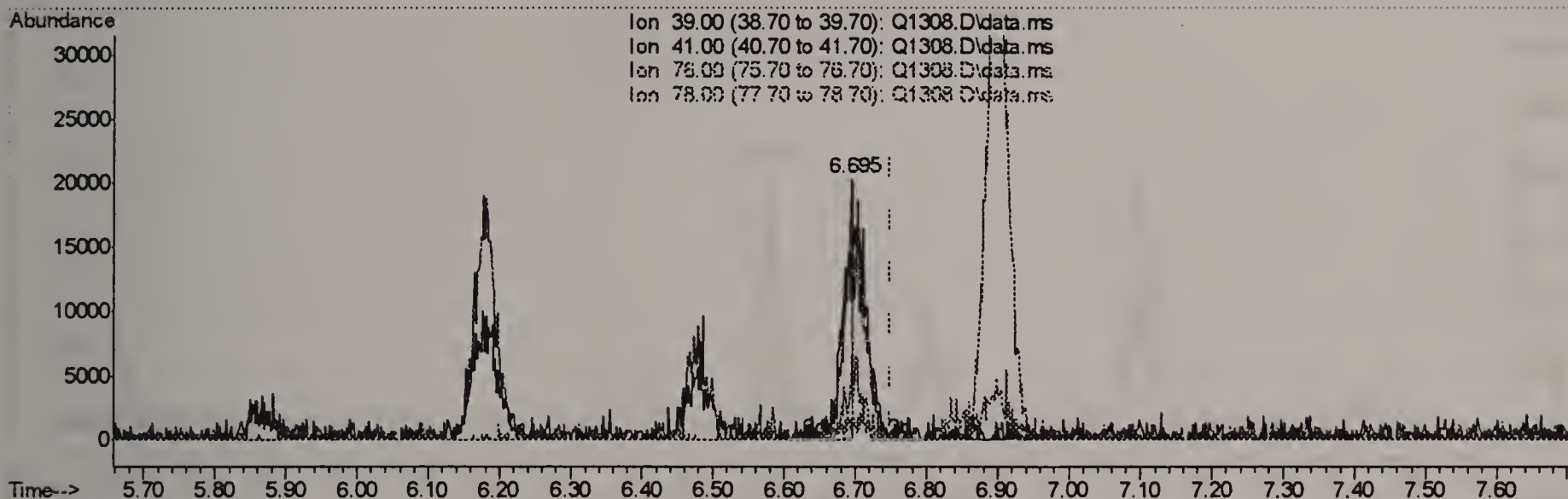
response 12583

Ion	Exp%	Act%
45.00	100	100
46.00	36.40	0.00#
42.00	8.80	6.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(19) 3-CHLOROPROPENE (m)

6.695min (-0.053) 0.22PPBV

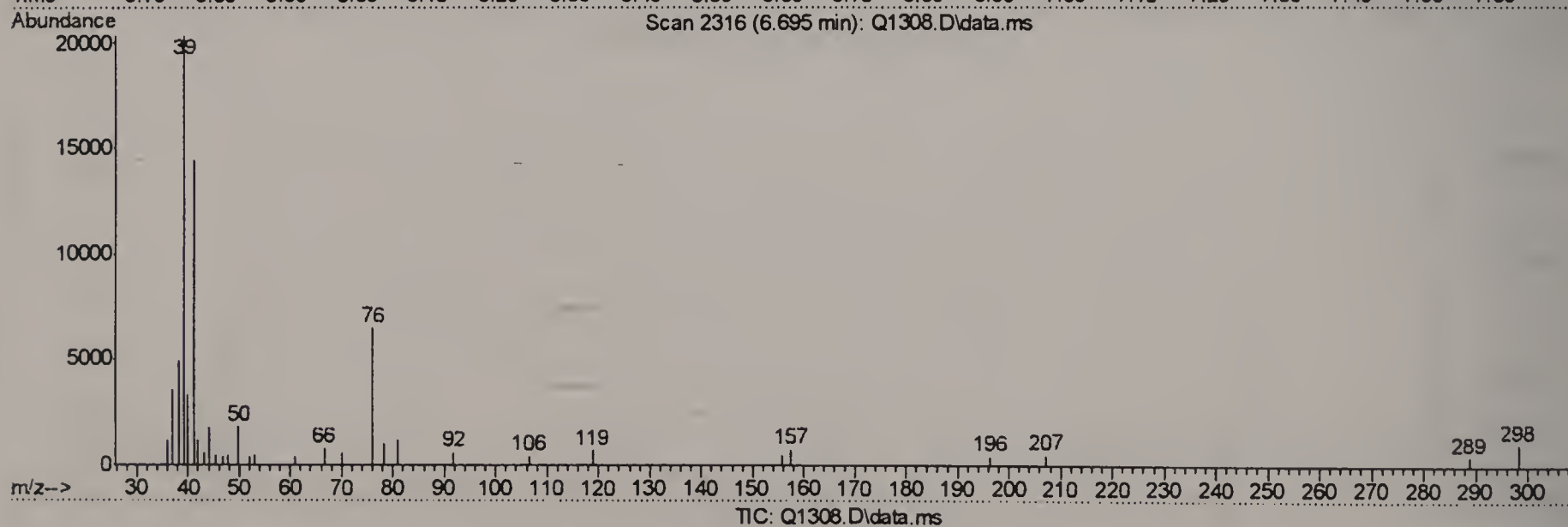
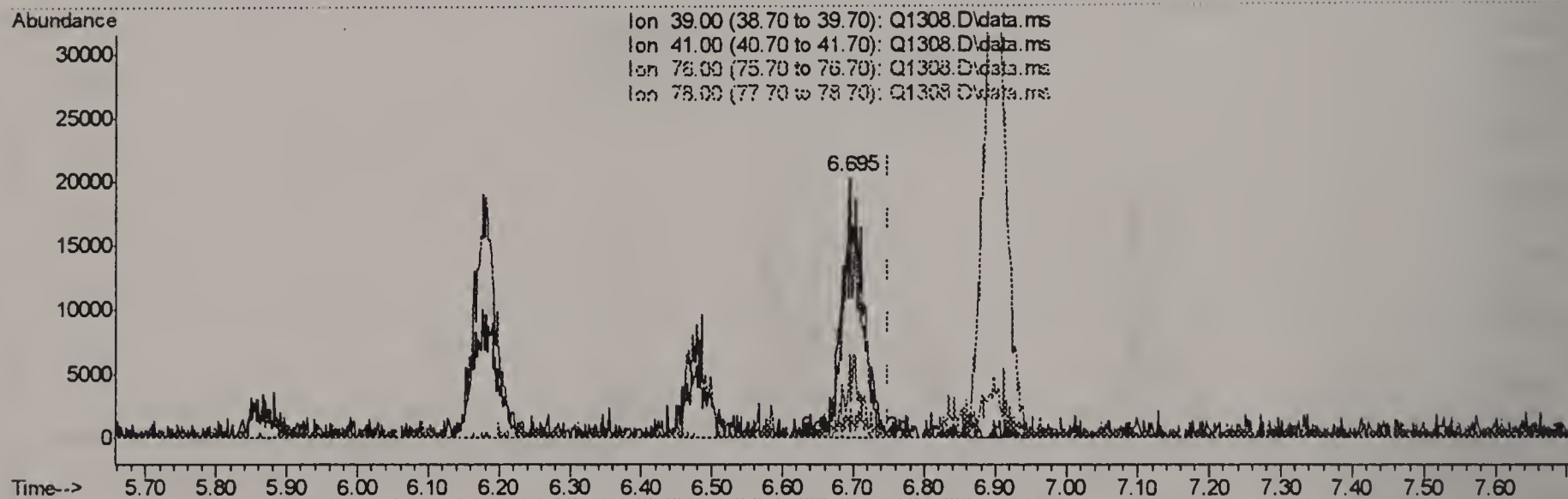
response 17961

Ion	Exp%	Act%
39.00	100	100
41.00	130.20	184.33#
76.00	33.90	55.32#
78.00	10.80	3.60

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(19) 3-CHLOROPROPENE (m)

6.695min (-0.053) 0.50PPBV m

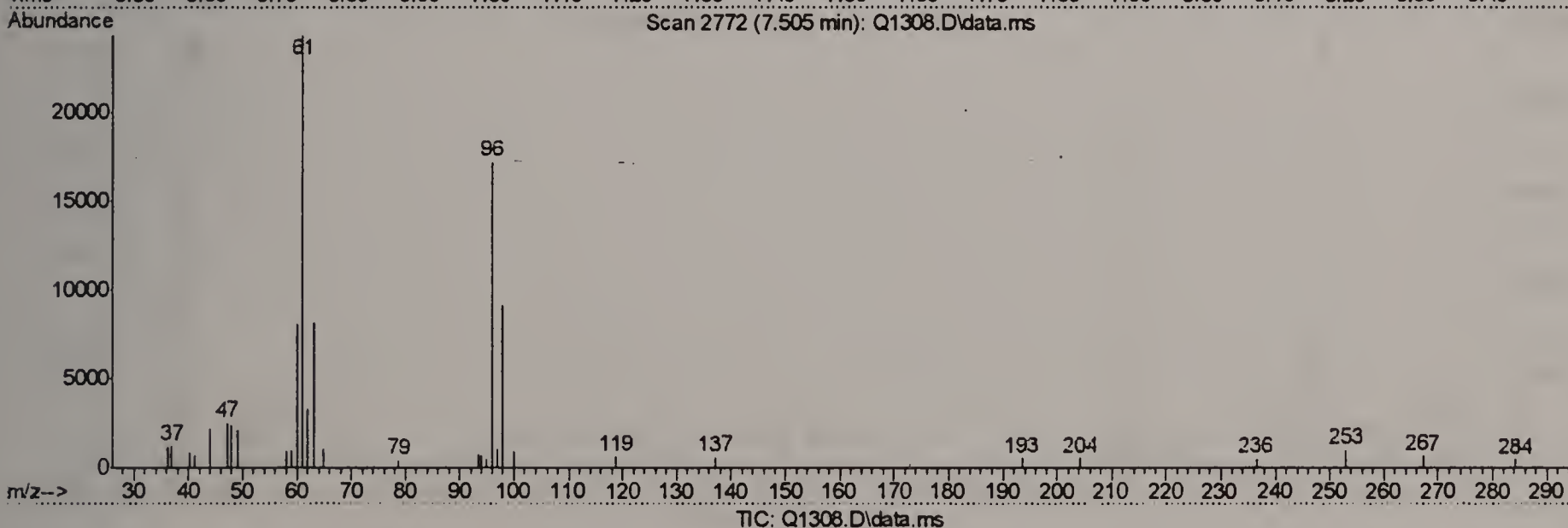
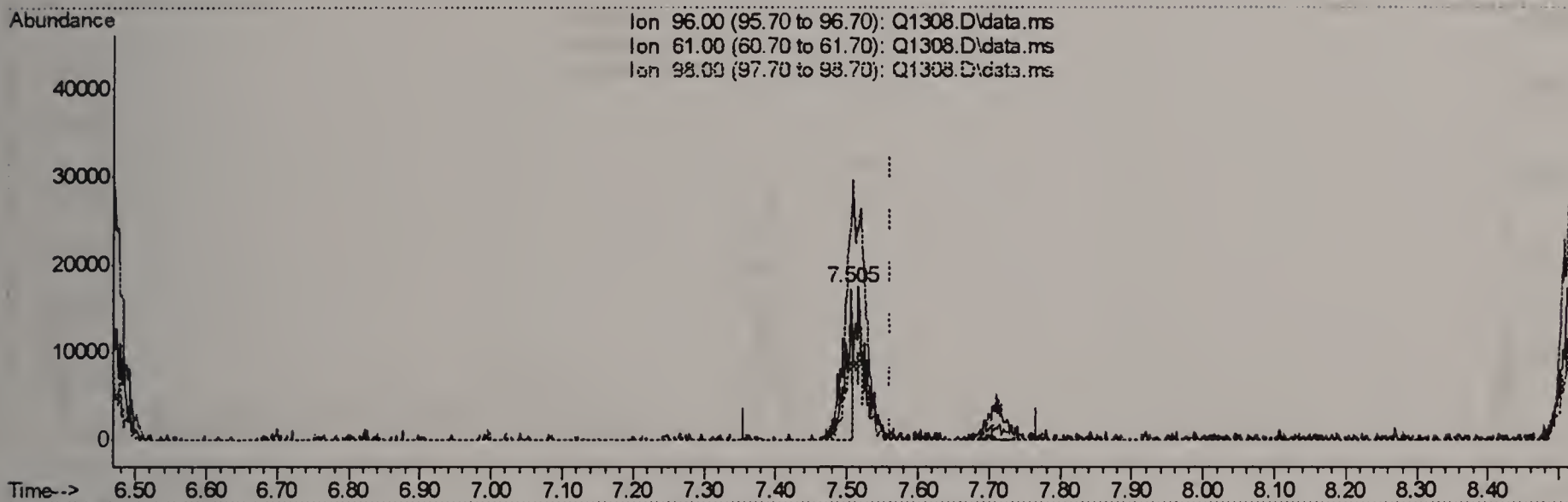
response 40819

Ion	Exp%	Act%
39.00	100	100
41.00	130.20	81.11#
76.00	33.90	24.34
78.00	10.80	1.58

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.505min (-0.057) 0.19PPBV

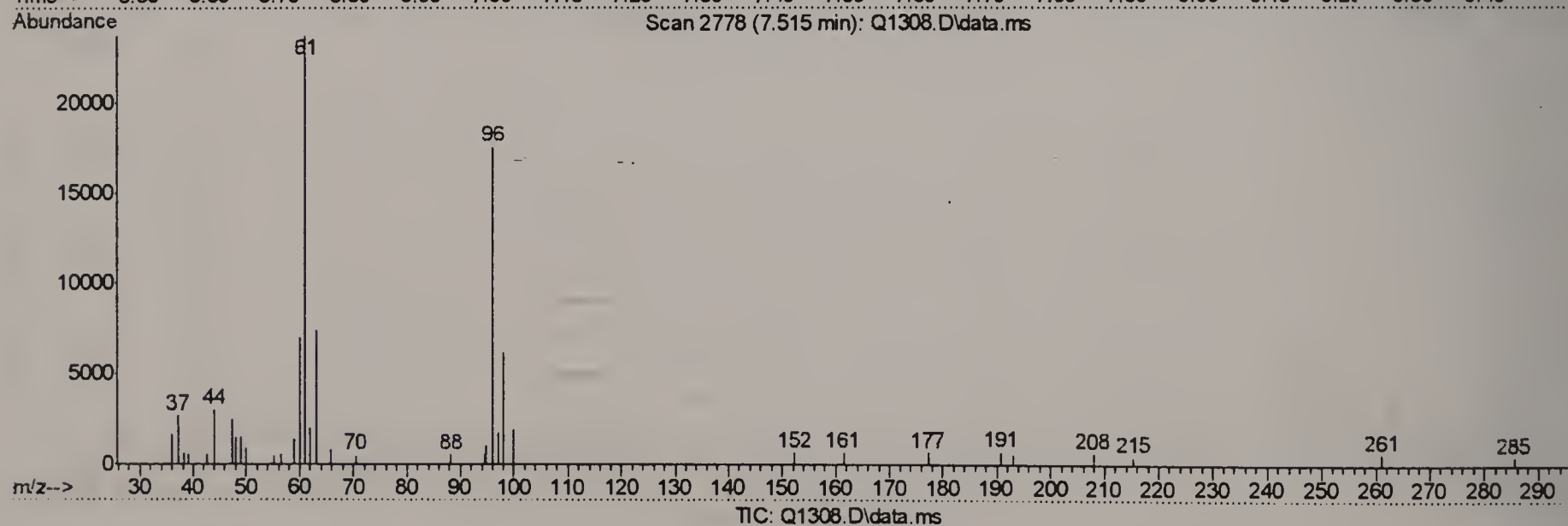
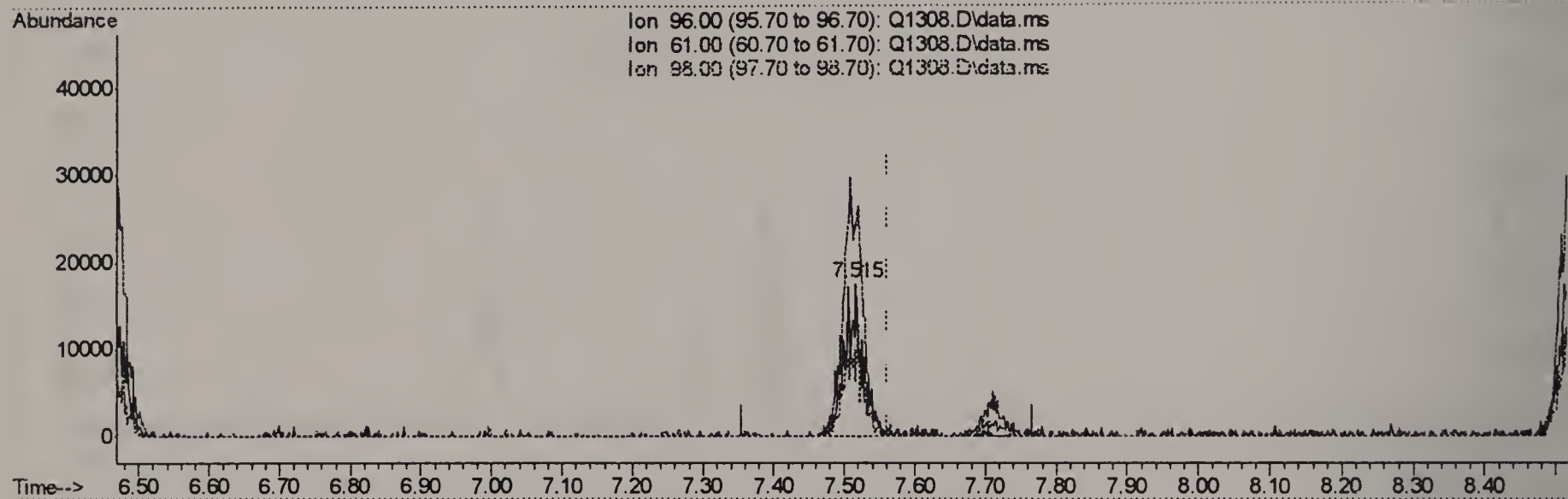
response 11659

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	471.04#
98.00	62.80	97.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.515min (-0.046) 0.49PPBV m

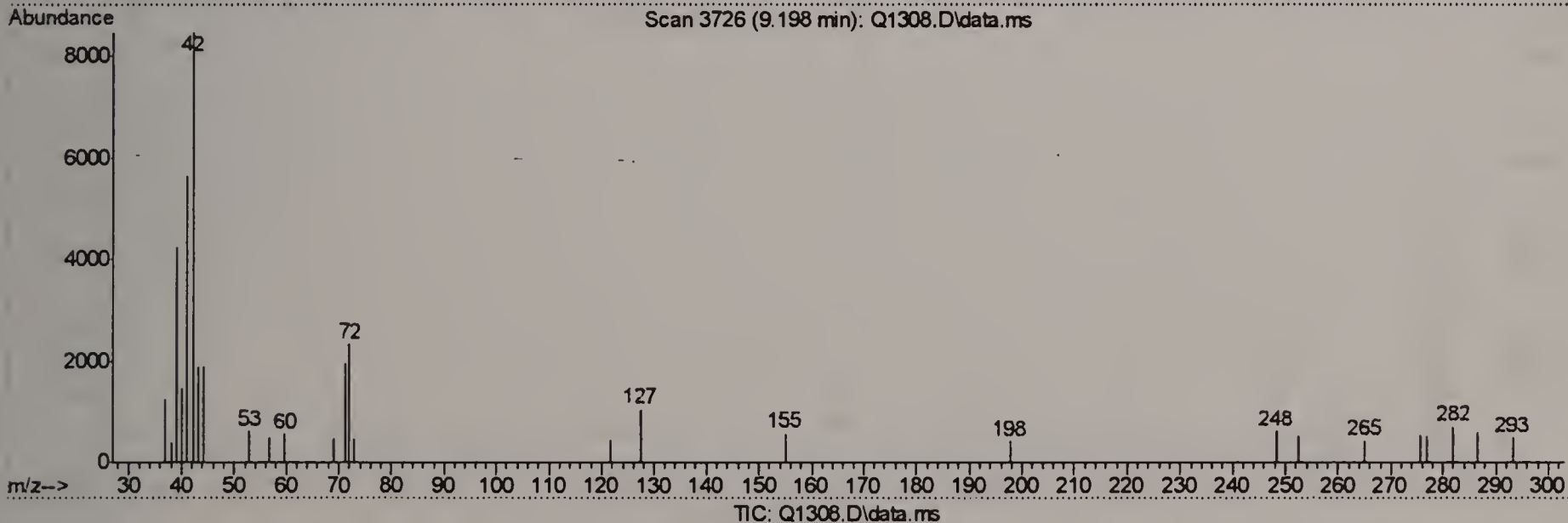
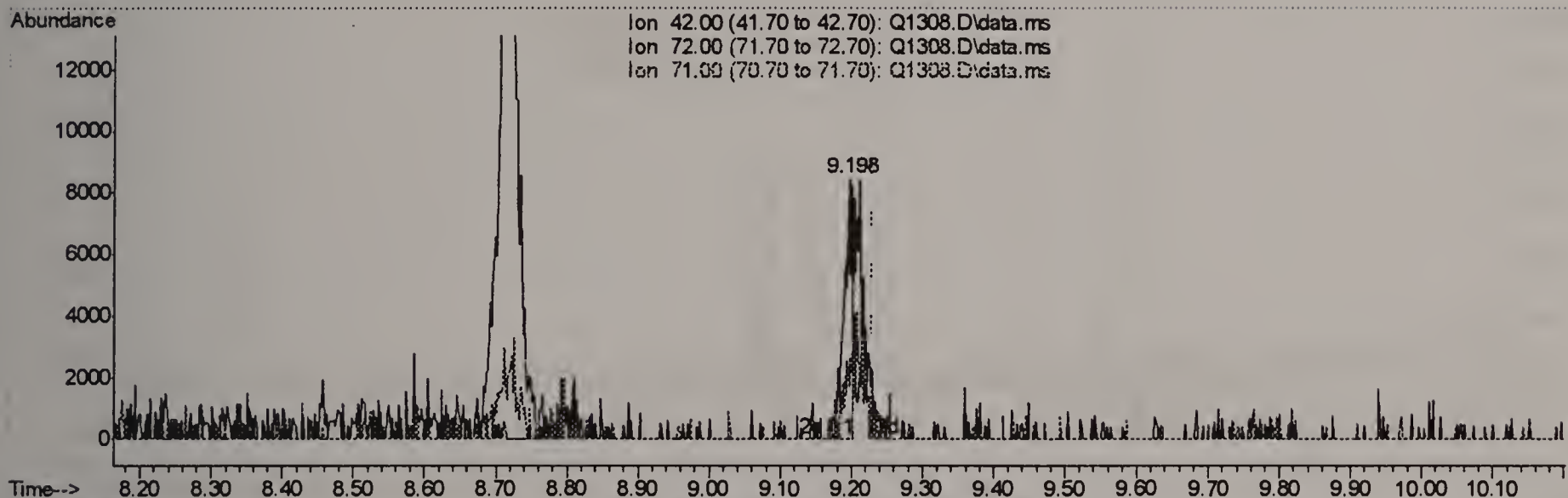
response 30072

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	182.62
98.00	62.80	37.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(24) TETRAHYDROFURAN (m)

9.198min (-0.032) 0.23PPBV

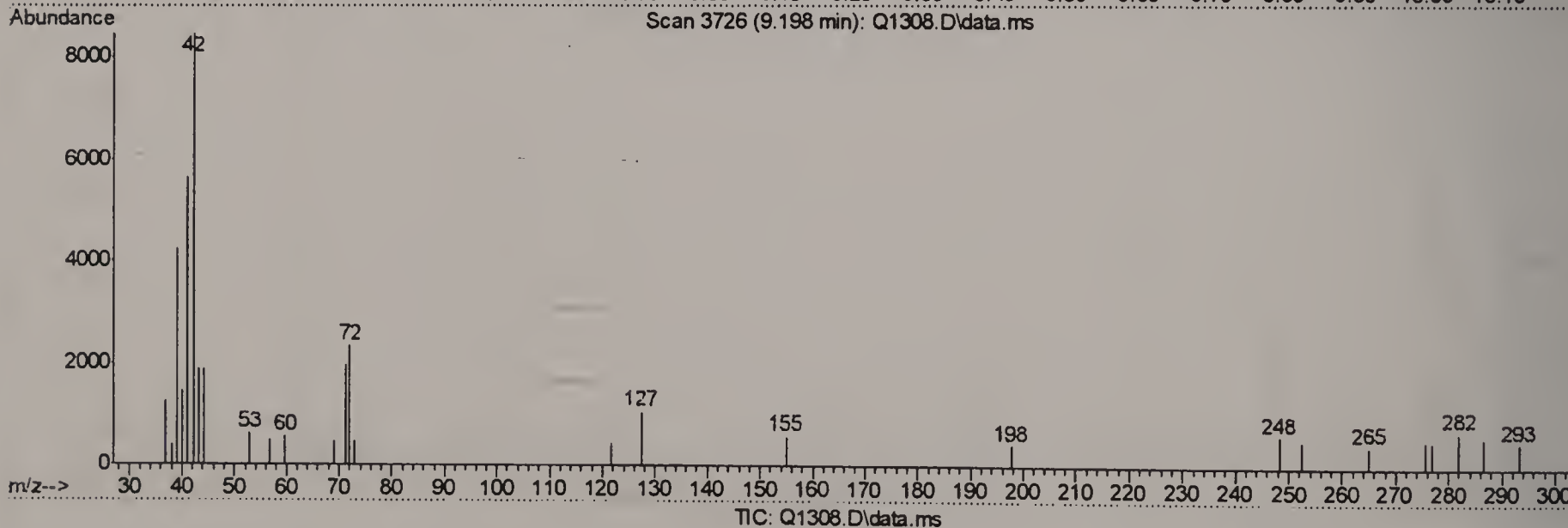
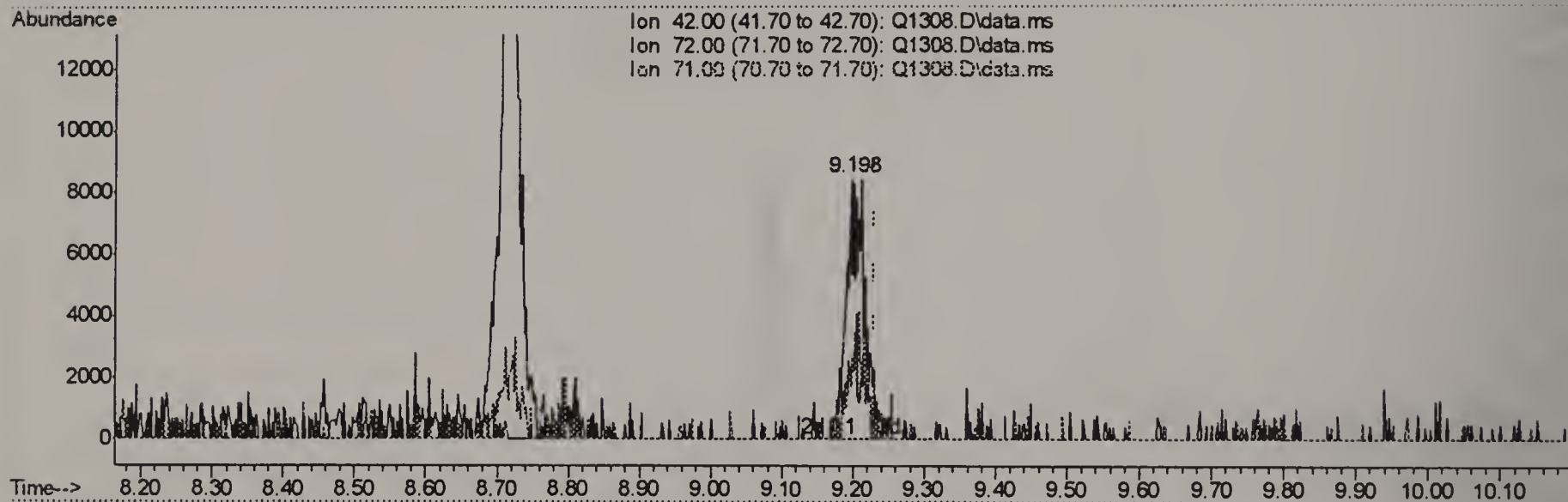
response 7753

Ion	Exp%	Act%
42.00	100	100
72.00	29.70	67.24#
71.00	28.60	72.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(24) TETRAHYDROFURAN (m)

9.198min (-0.032) 0.48PPBV m

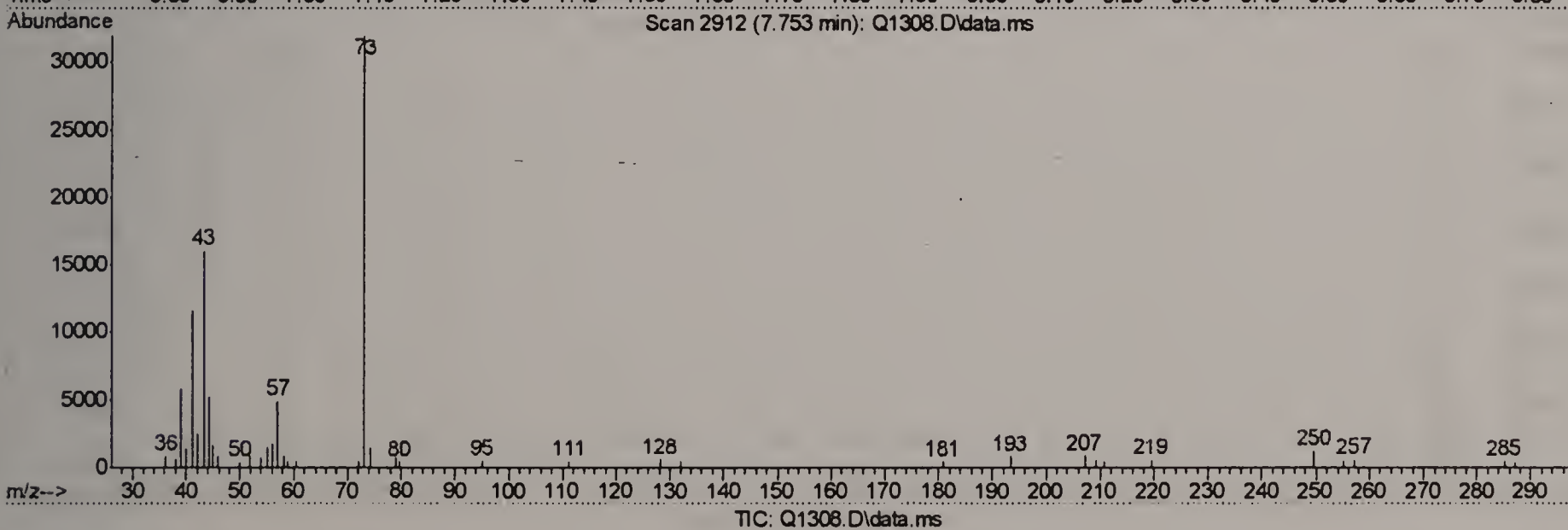
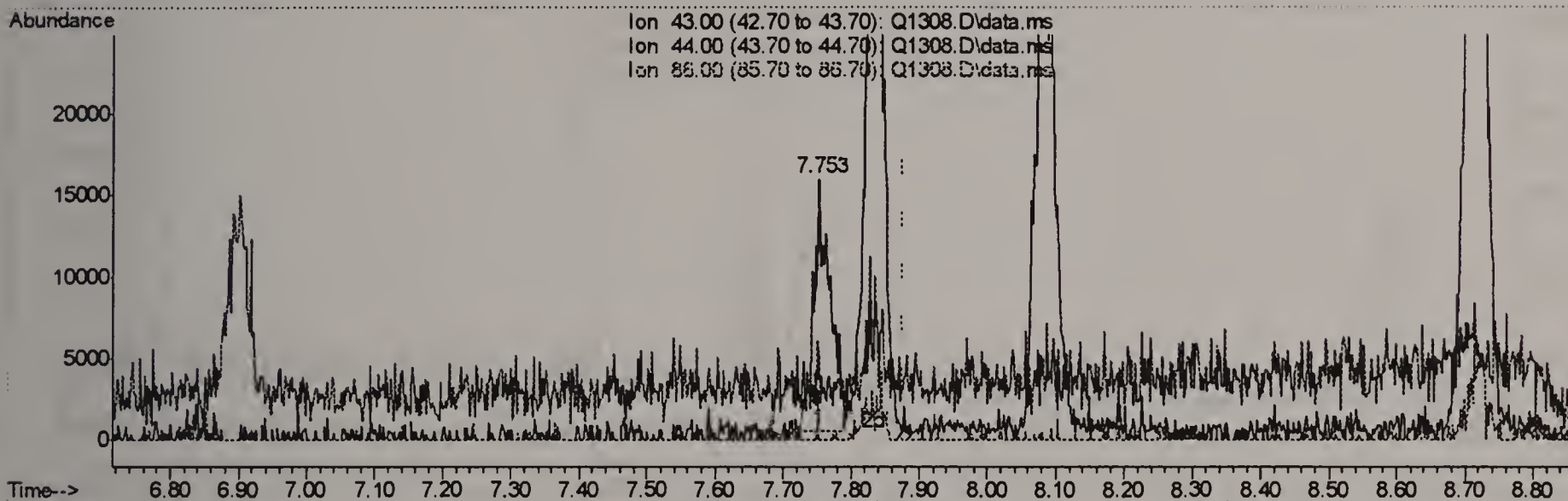
response 15928

Ion	Exp%	Act%
42.00	100	100
72.00	29.70	32.73
71.00	28.60	35.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(26) VINYL ACETATE (m)

7.753min (-0.124) 0.18PPBV

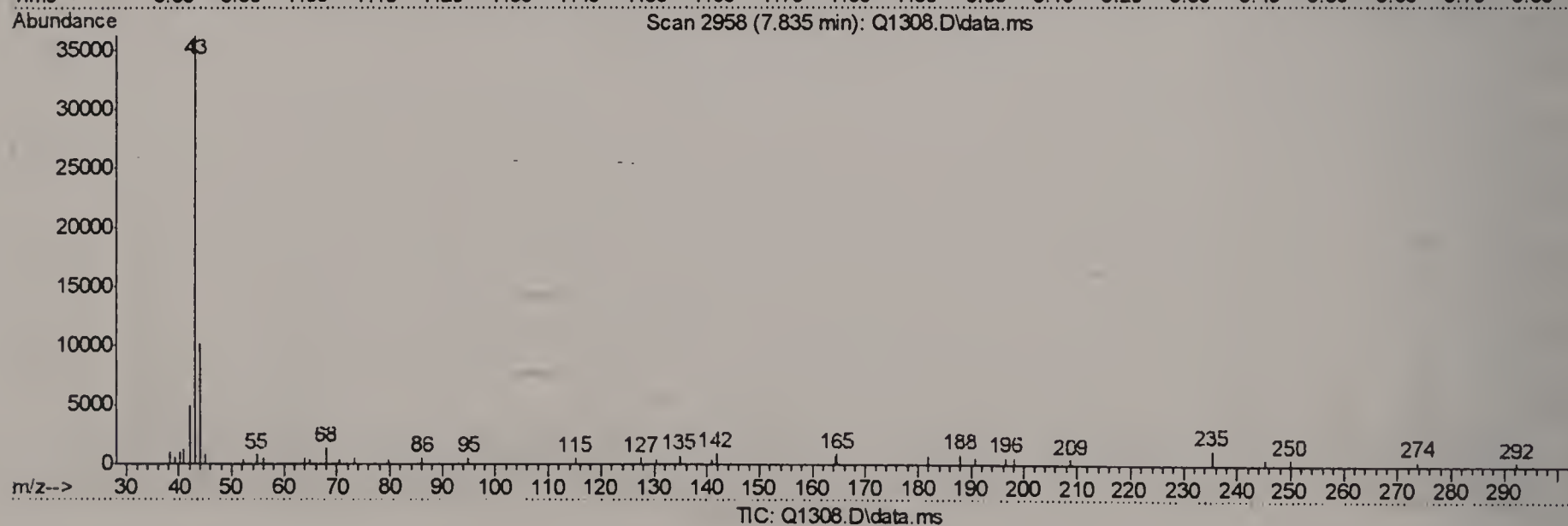
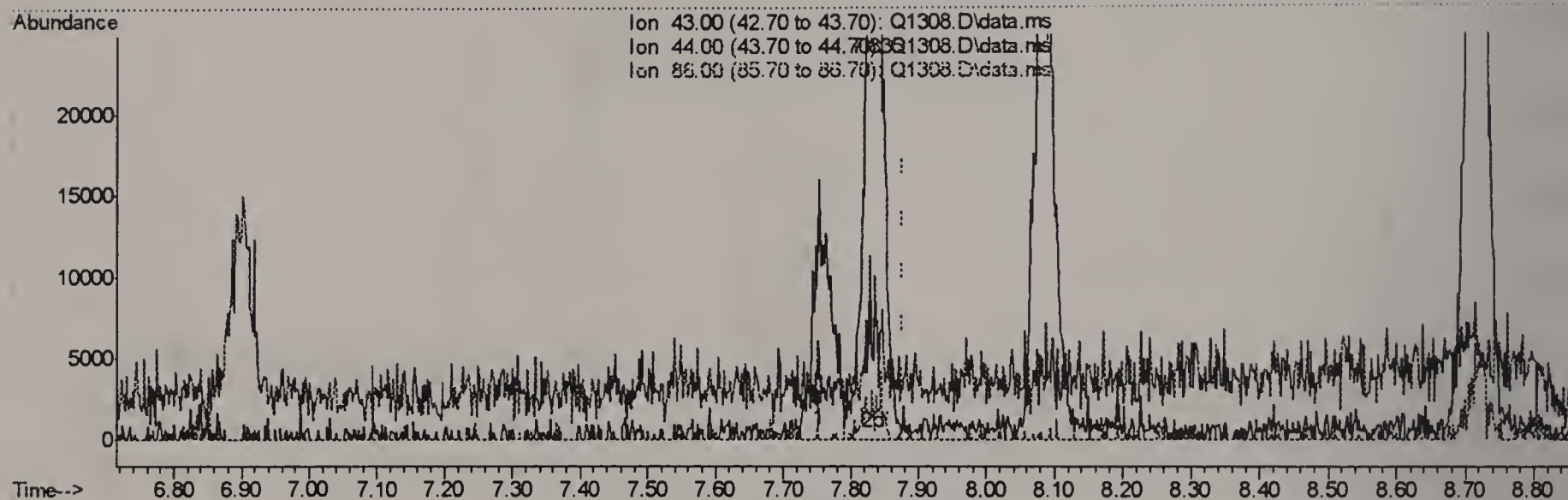
response 25473

Ion	Exp%	Act%
43.00	100	100
44.00	5.30	5.07
86.00	5.10	0.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : Q1308.D
Acq On : 7 Aug 2006 3:27 pm
Operator : PhilipB
Sample : IC68-.5 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:45:33 2006
Response via : Initial Calibration



(26) VINYL ACETATE (m)

7.835min (-0.043) 0.48PPBV m

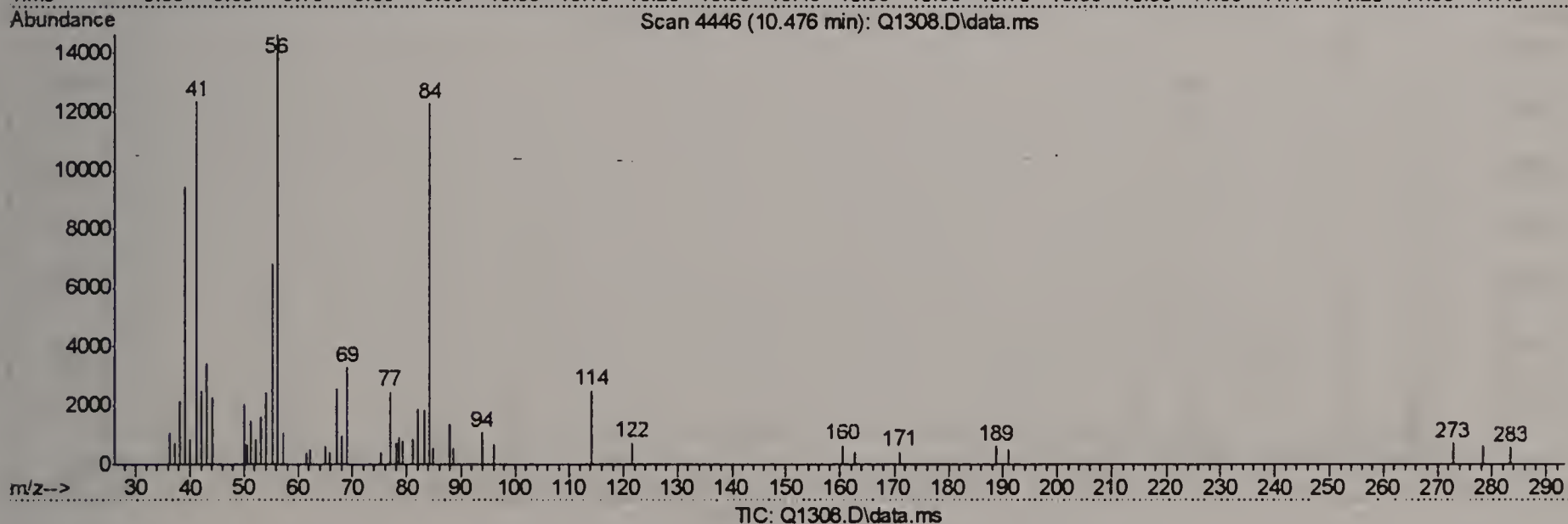
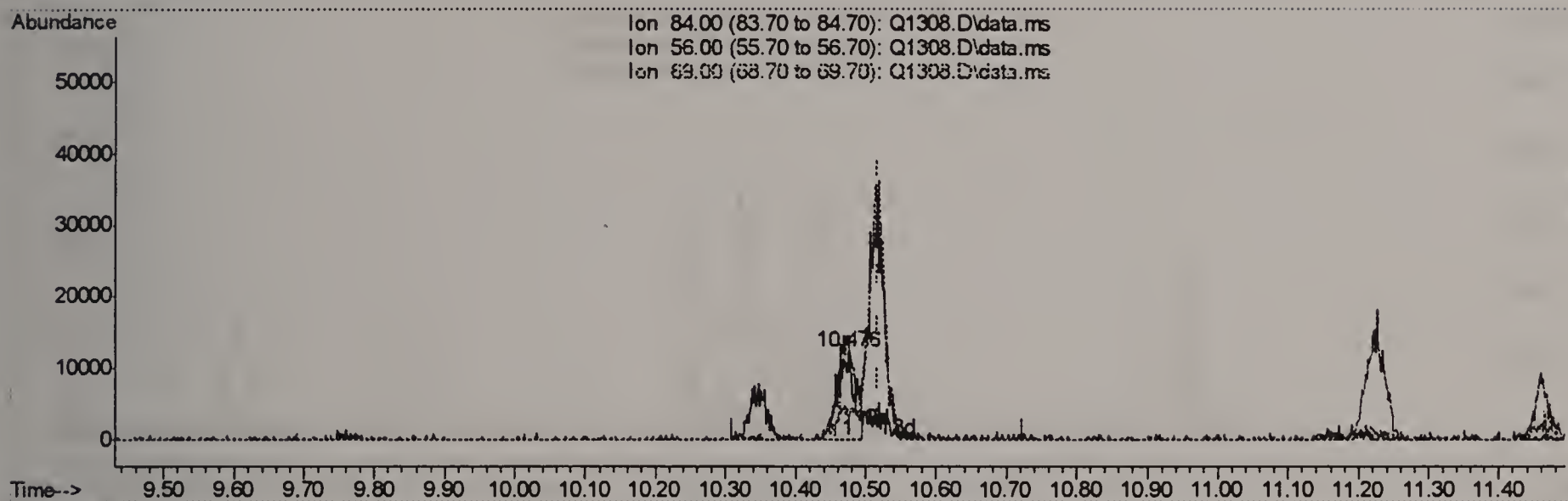
response 68618

Ion	Exp%	Act%
43.00	100	100
44.00	5.30	1.88
86.00	5.10	0.12
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(37) CYCLO-HEXANE (m)

10.476min (-0.041) 0.40PPBV

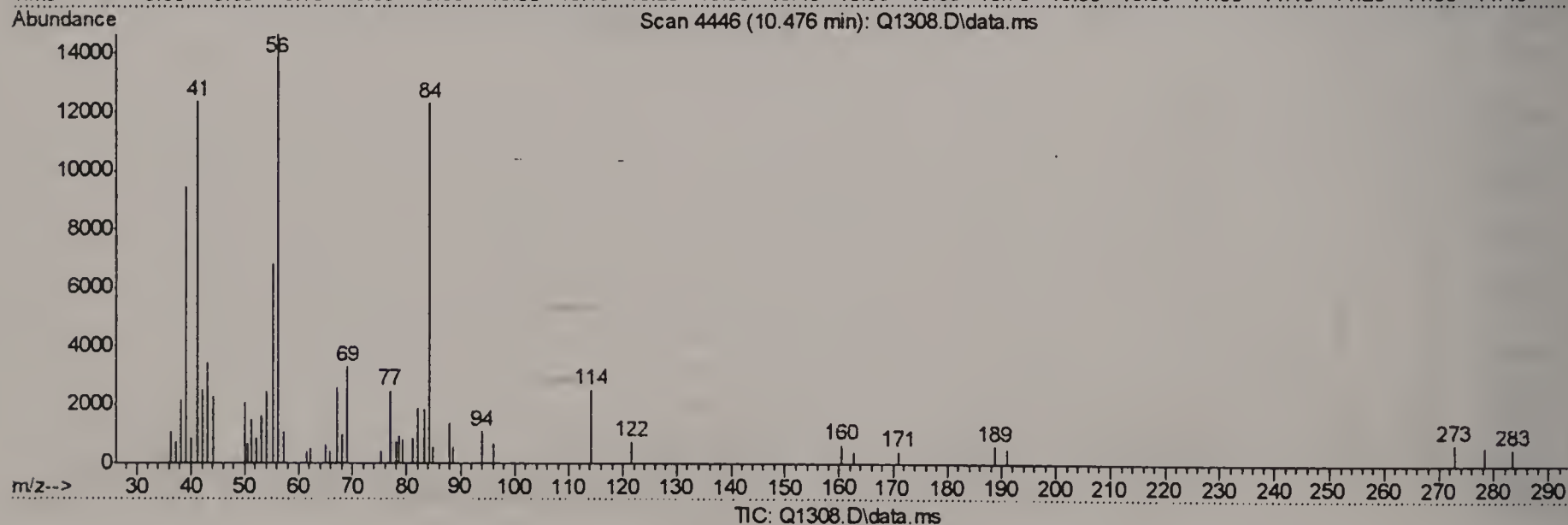
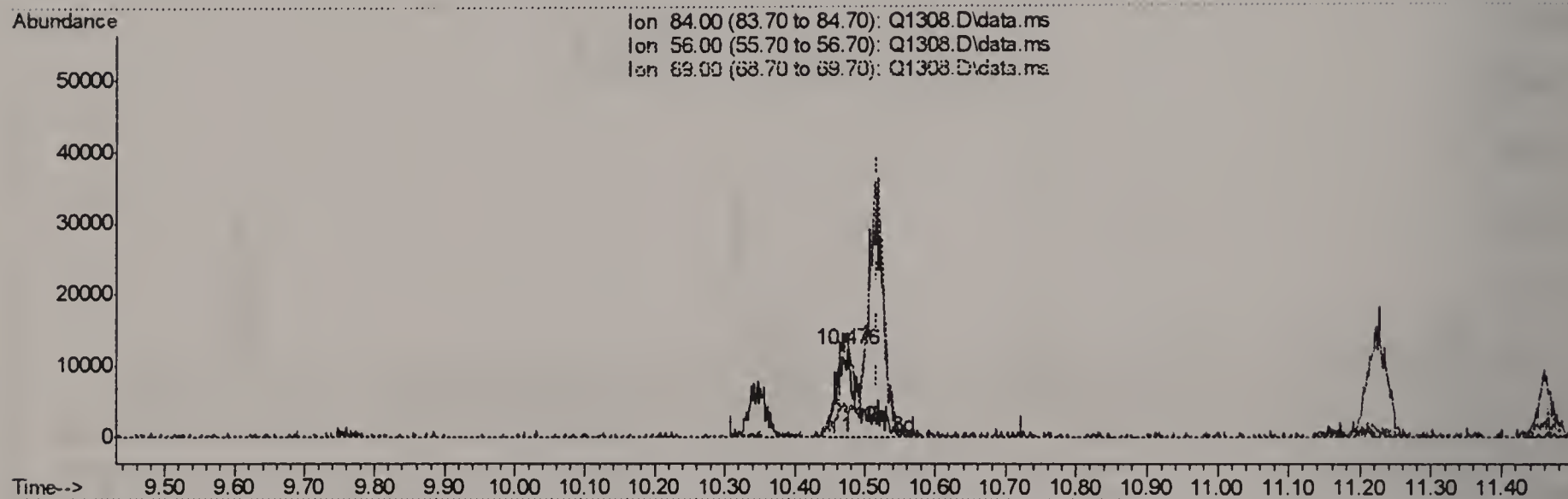
response 19762

Ion	Exp%	Act%
84.00	100	100
56.00	173.90	128.23#
69.00	41.30	22.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(37) CYCLOHEXANE (m)

10.476min (-0.041) 0.58PPBV m

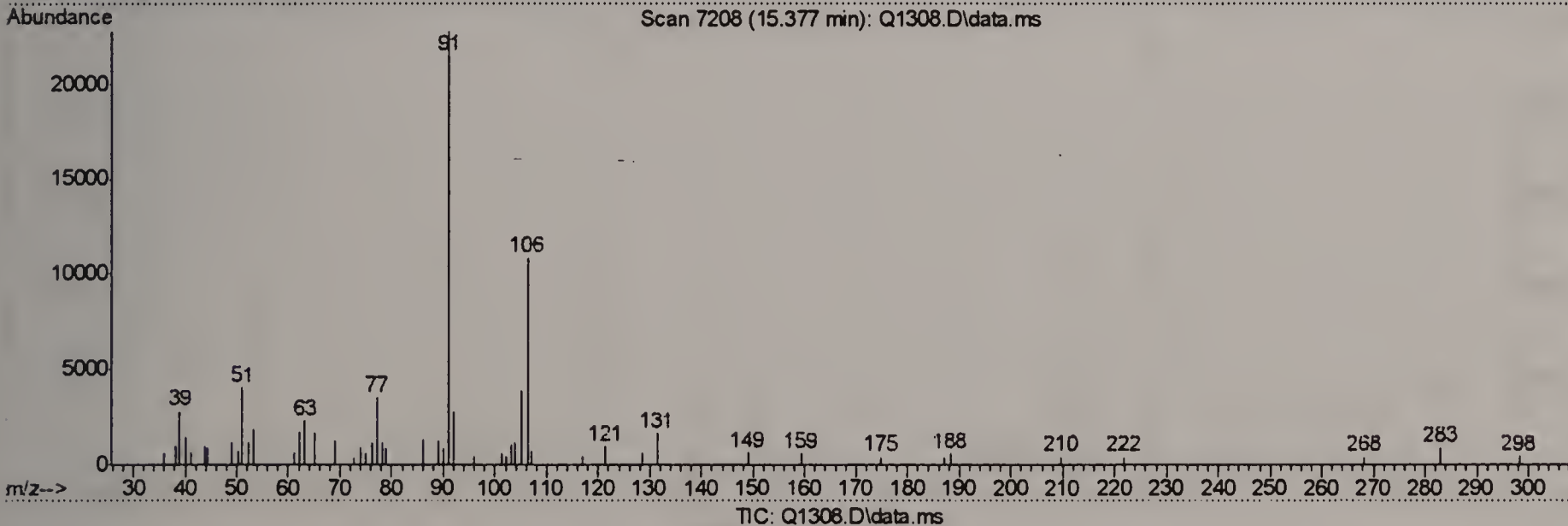
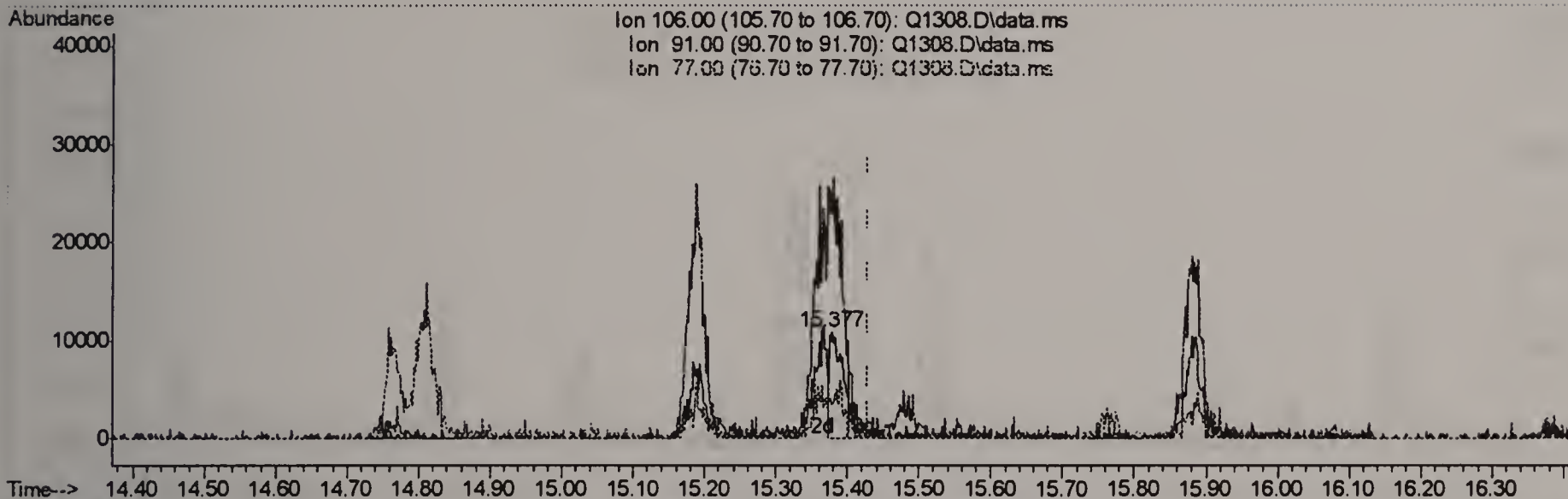
response 28888

Ion	Exp%	Act%
84.00	100	100
56.00	173.90	87.72#
69.00	41.30	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.377min (-0.052) 0.39PPBV

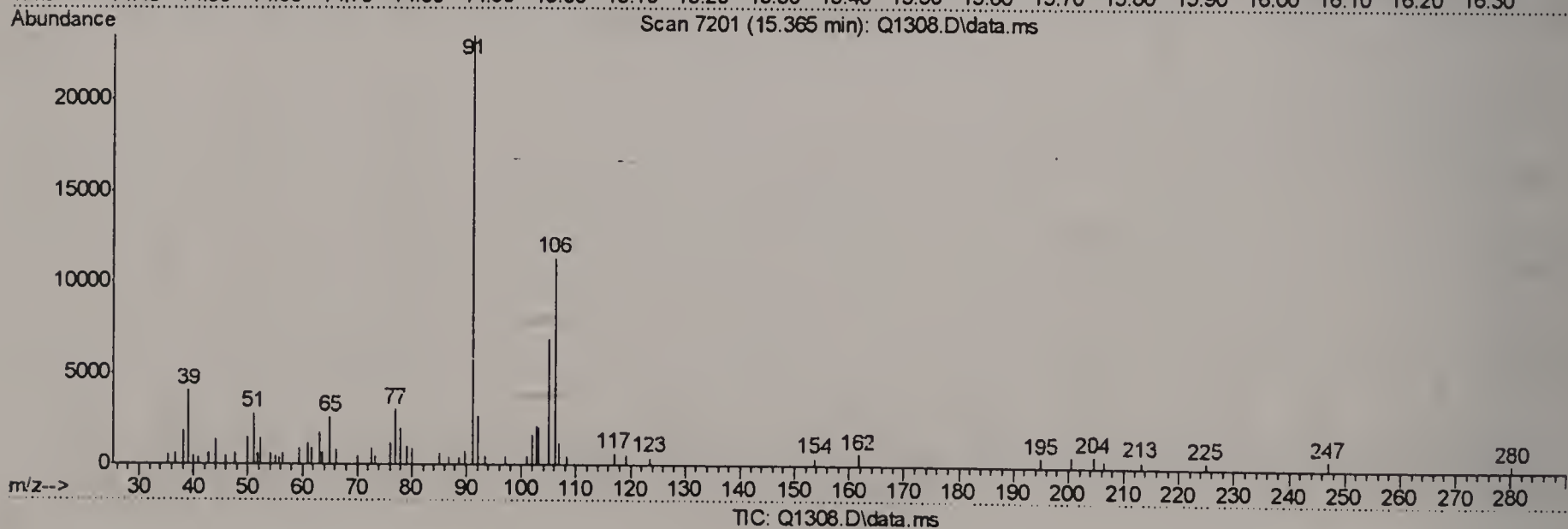
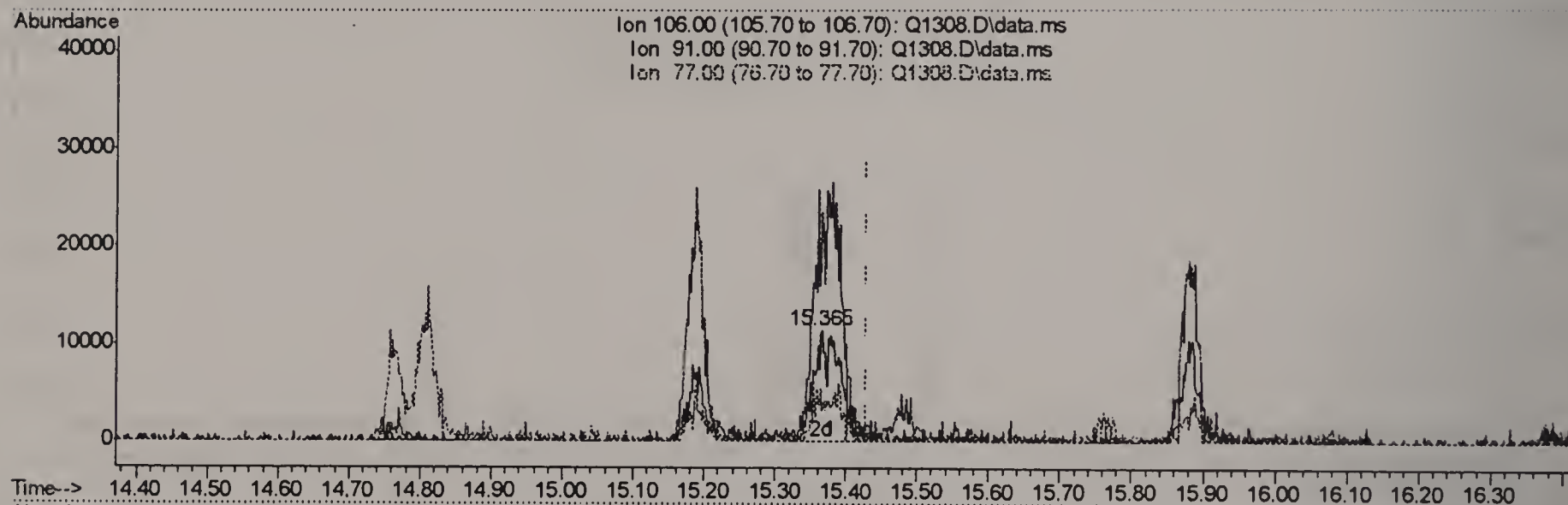
response 14644

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	210.30
77.00	31.80	32.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.064) 0.80PPBV m

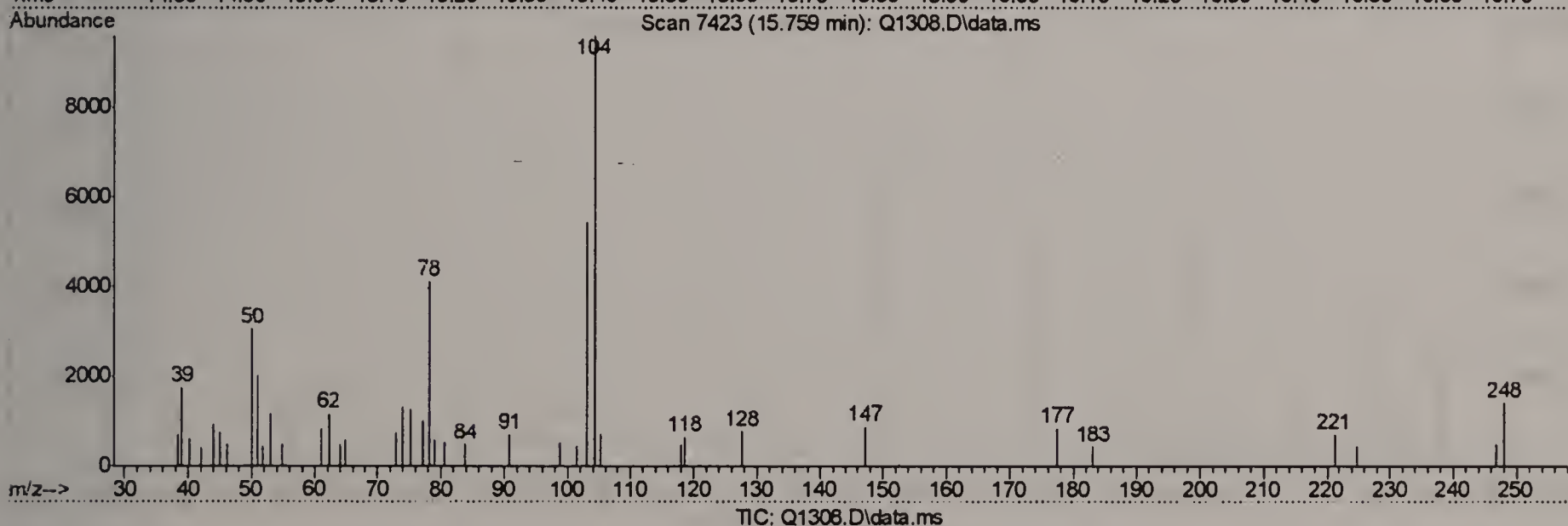
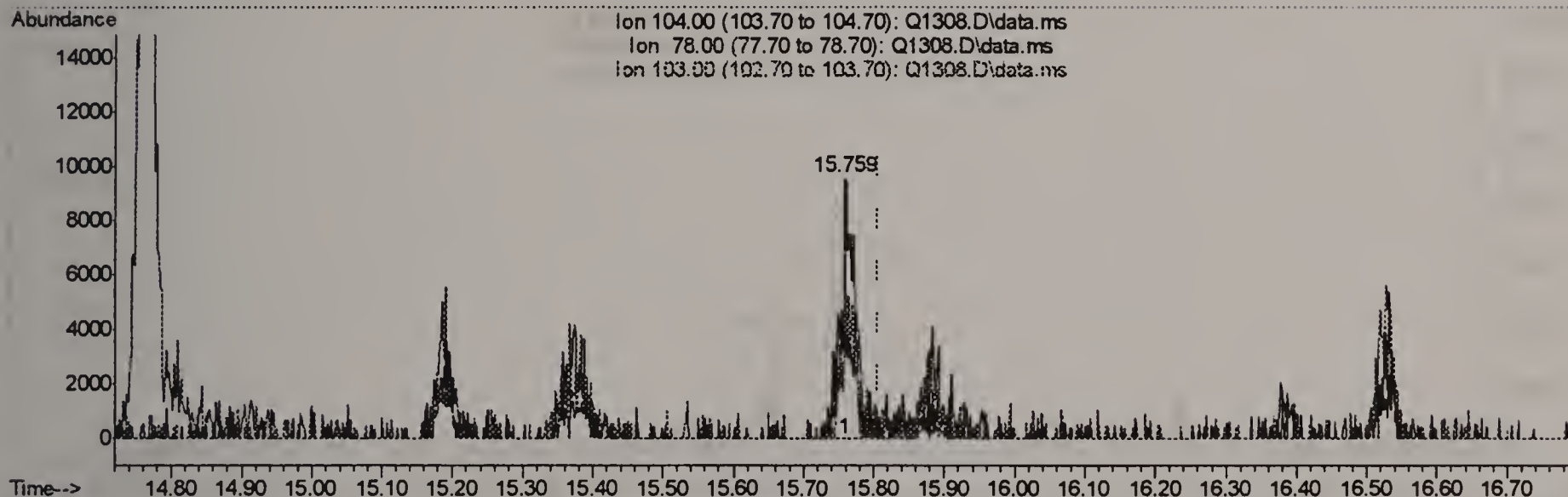
response 29860

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	207.40
77.00	31.80	26.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.759min (-0.048) 0.31PPBV

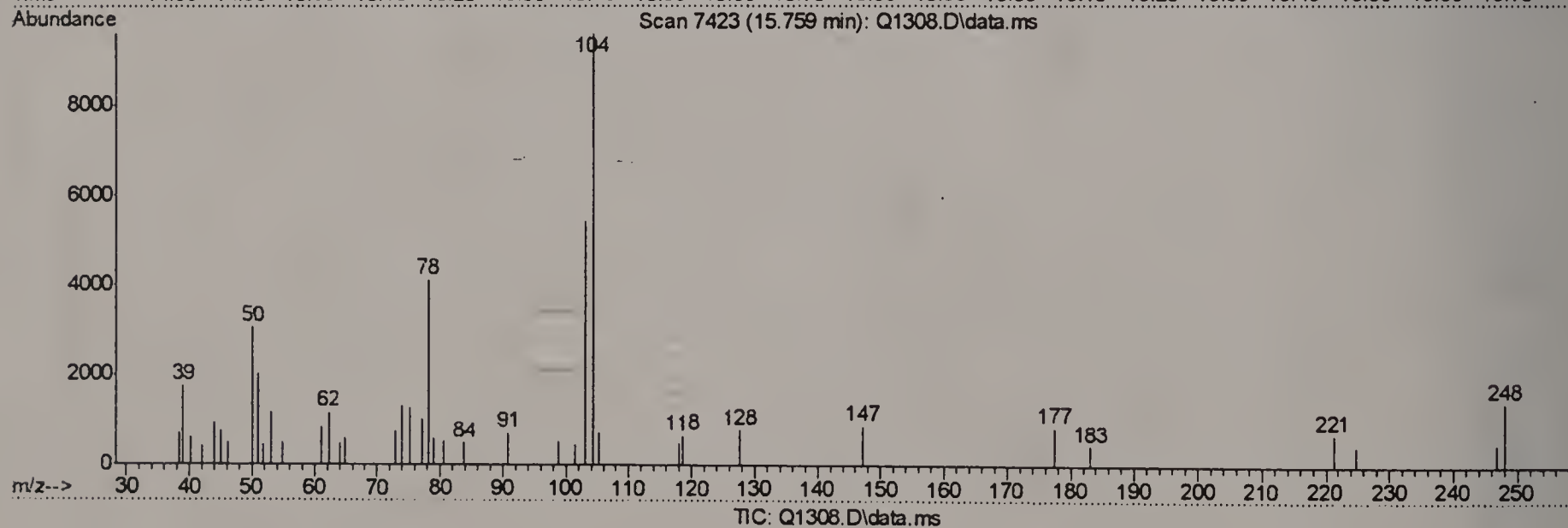
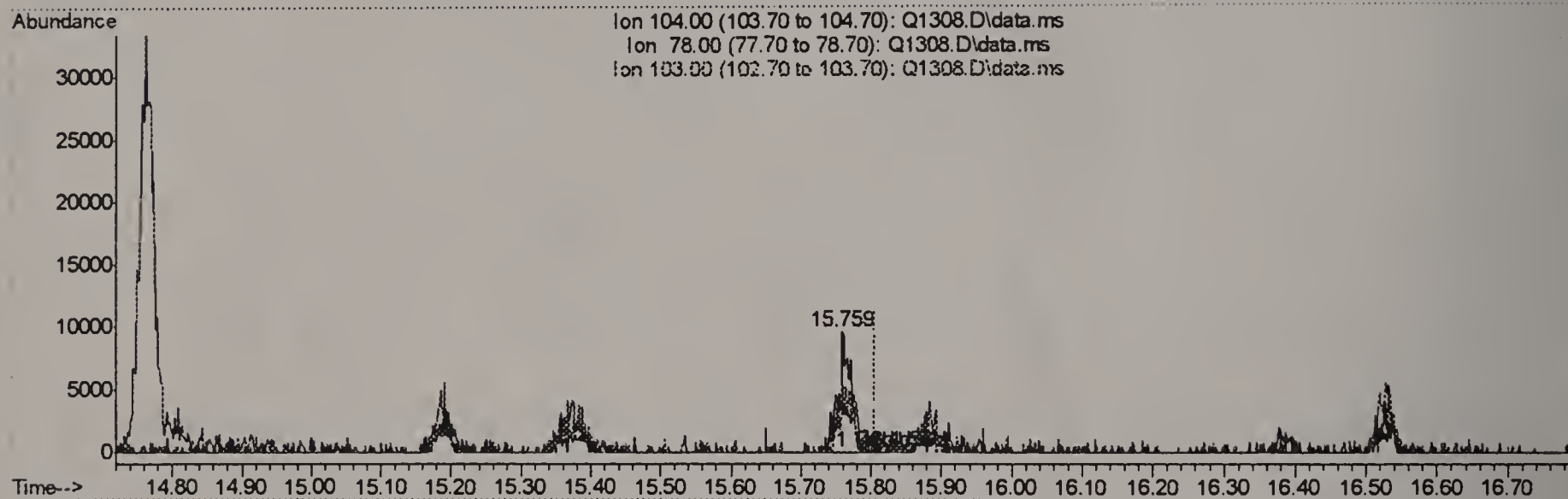
response 12804

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	56.71
103.00	46.10	52.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(58) STYRENE (m)

15.759min (-0.048) 0.34PPBV m

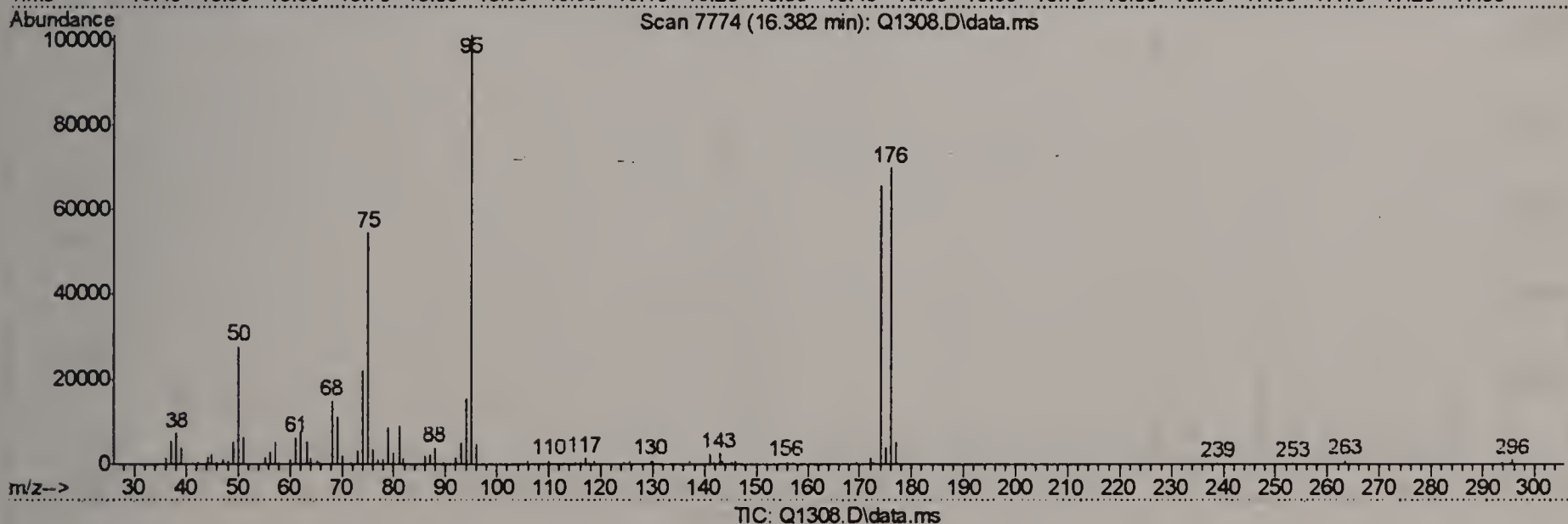
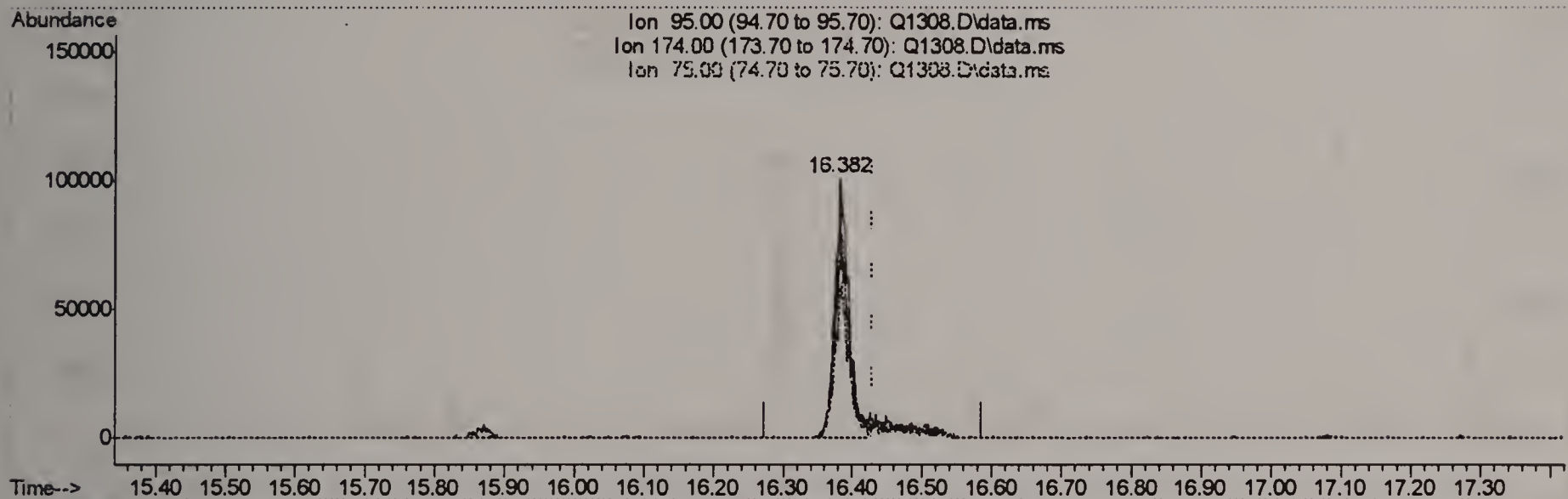
response 14030

Ion	Exp%	Act%
104.00	100	100
78.00	51.20	51.75
103.00	46.10	47.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.93PPBV

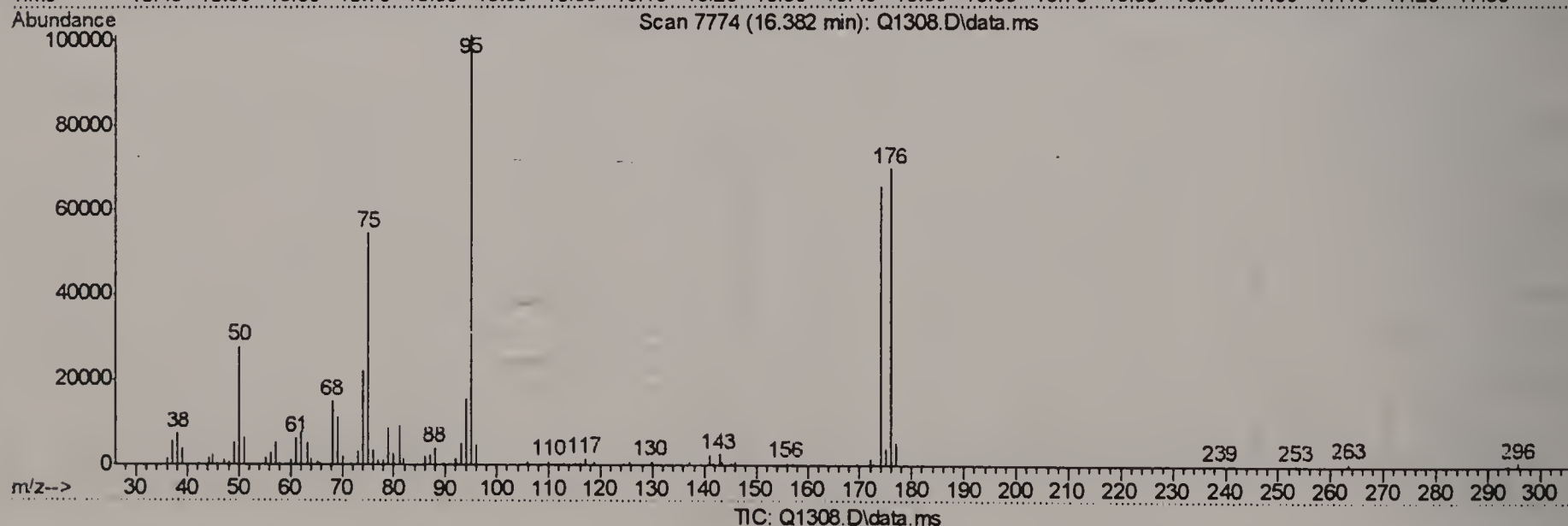
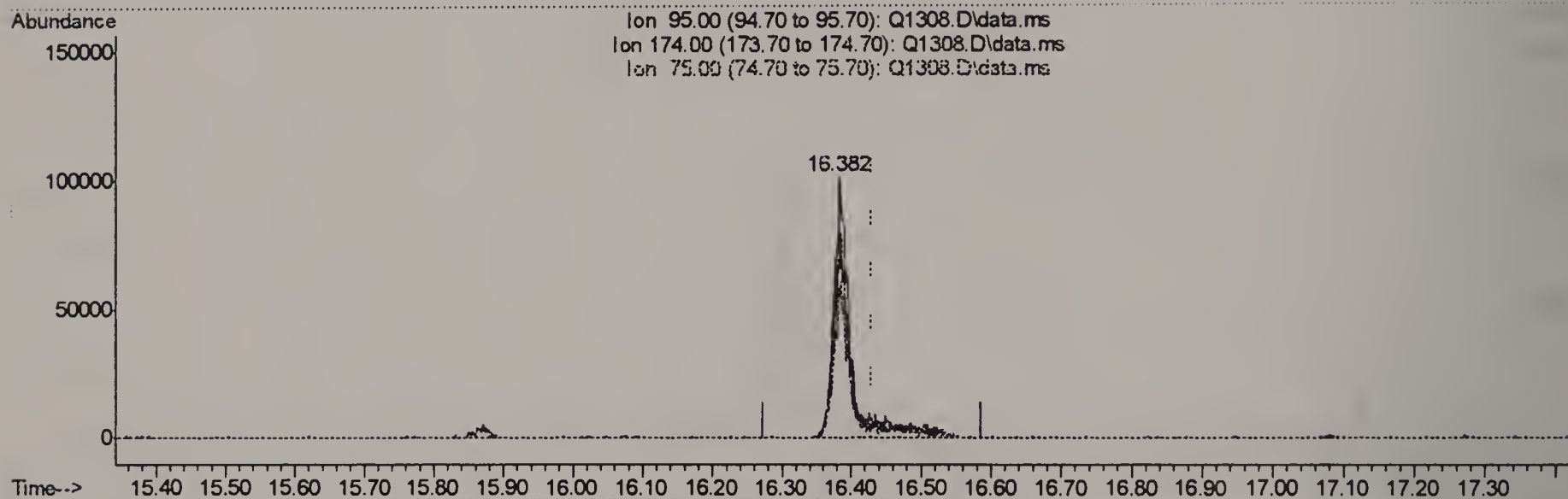
response 146670

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	79.90
75.00	52.30	63.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 4.77PPBV m

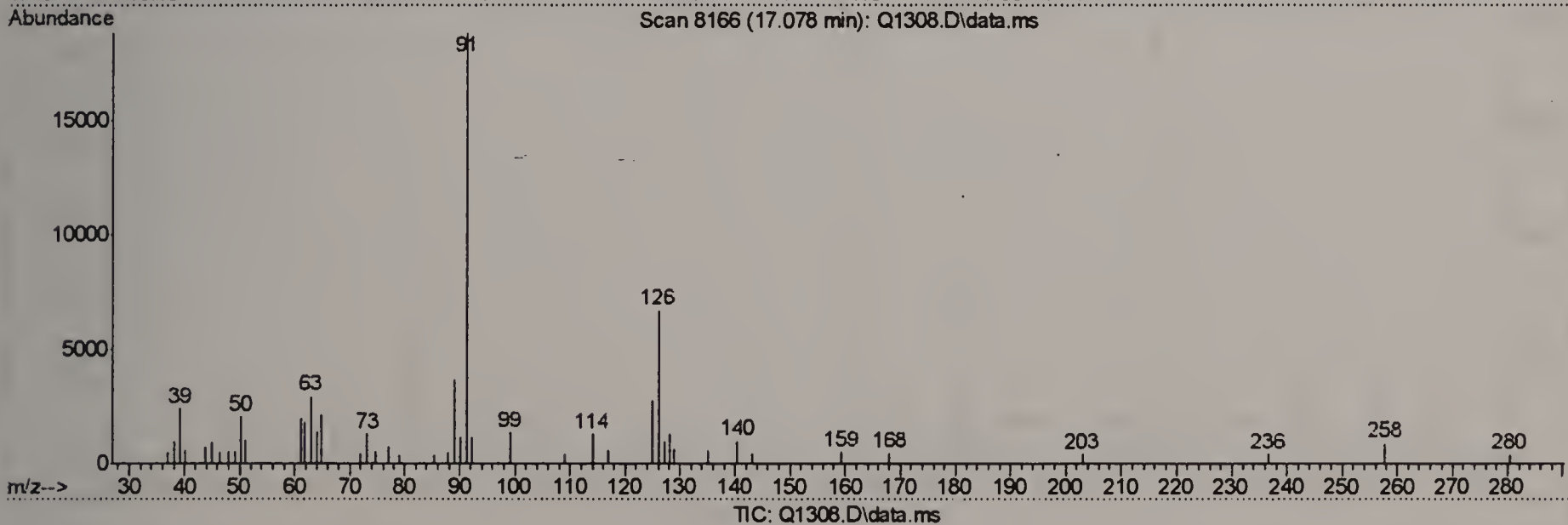
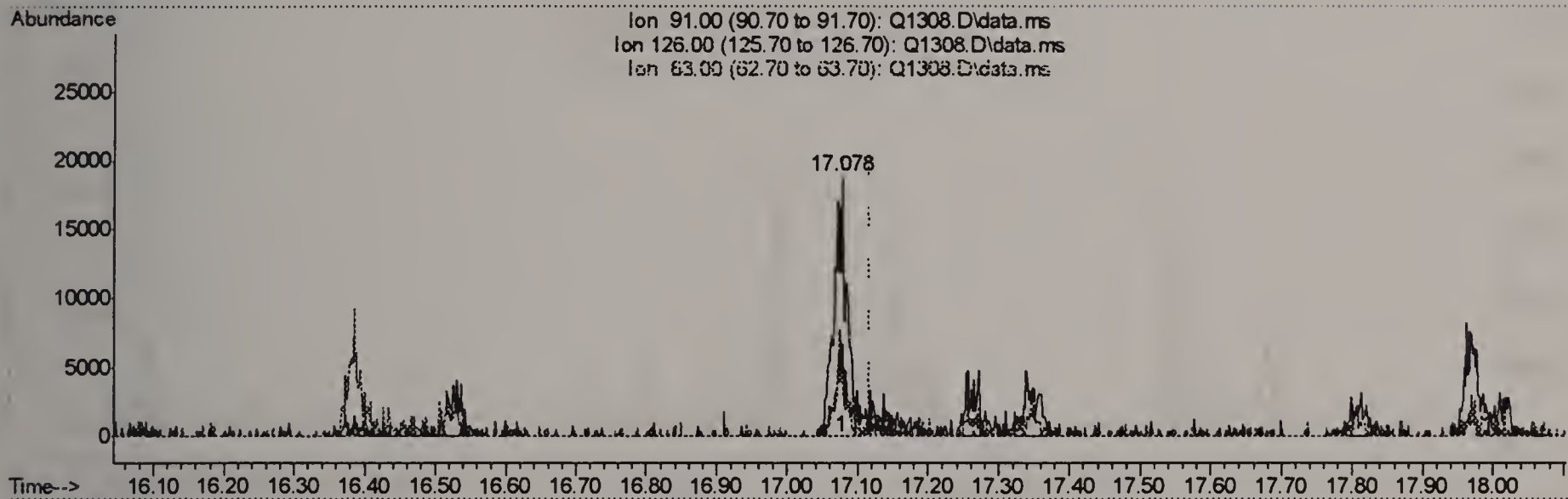
response 177761

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	65.93
75.00	52.30	52.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.078min (-0.040) 0.33PPBV

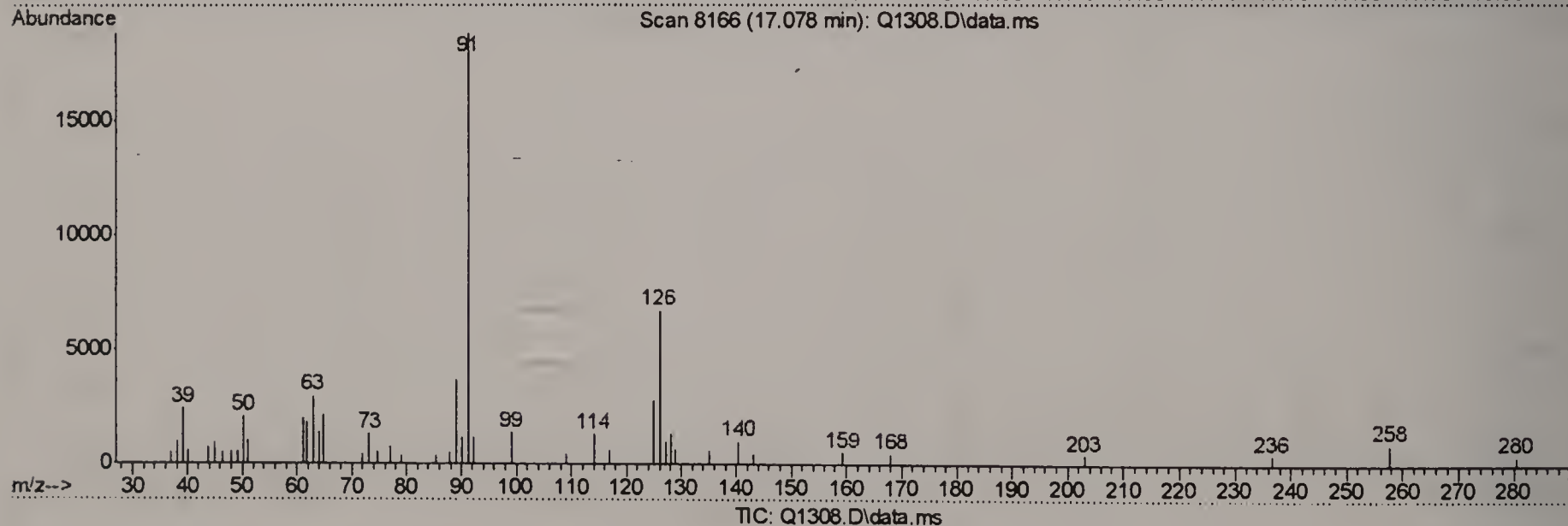
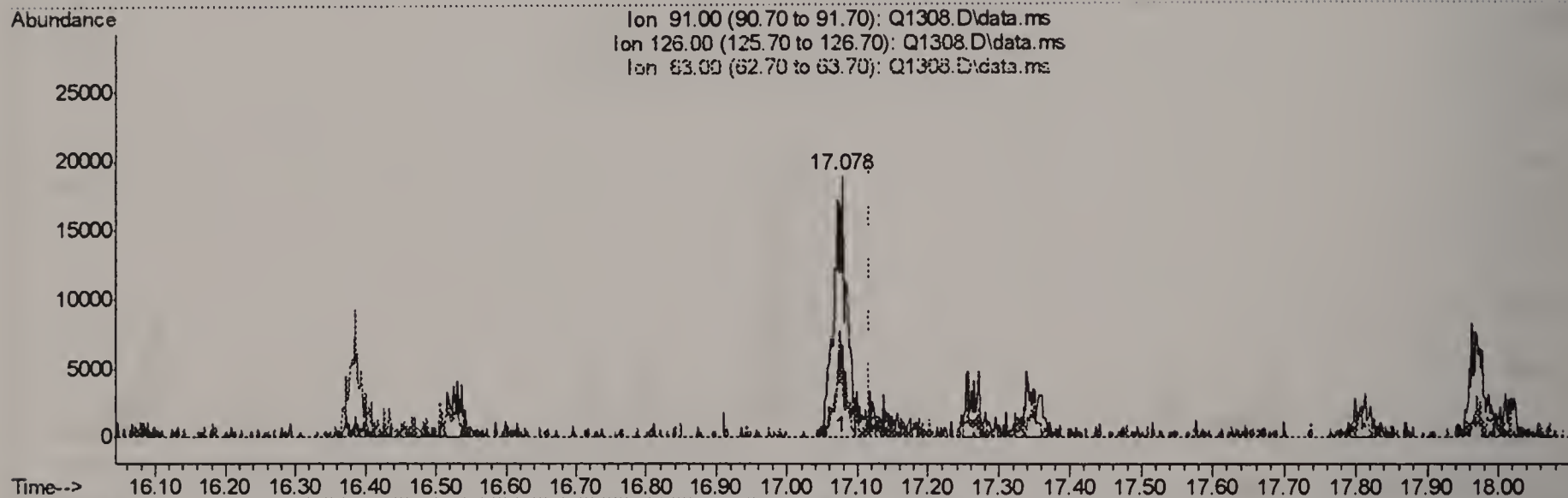
response 25161

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	33.49
63.00	17.80	26.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(64) 2-CHLOROTOLUENE (m)

17.078min (-0.040) 0.41PPBV m

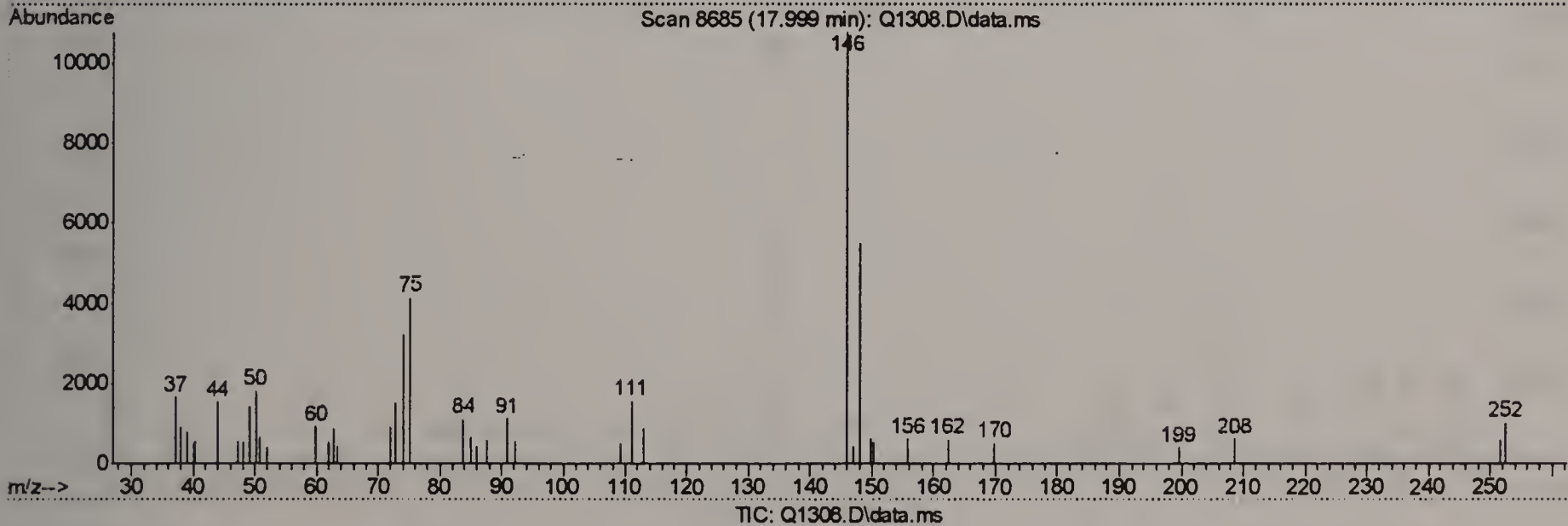
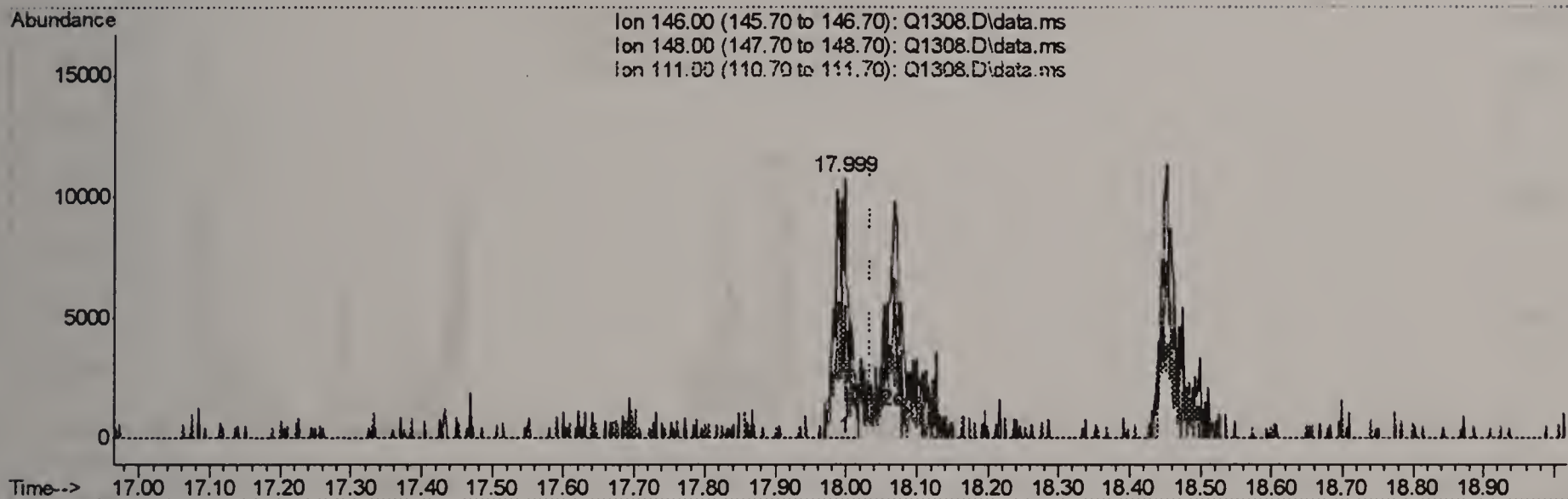
response 31330

Ion	Exp%	Act%
91.00	100	100
126.00	28.50	26.90
63.00	17.80	21.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.37PPBV

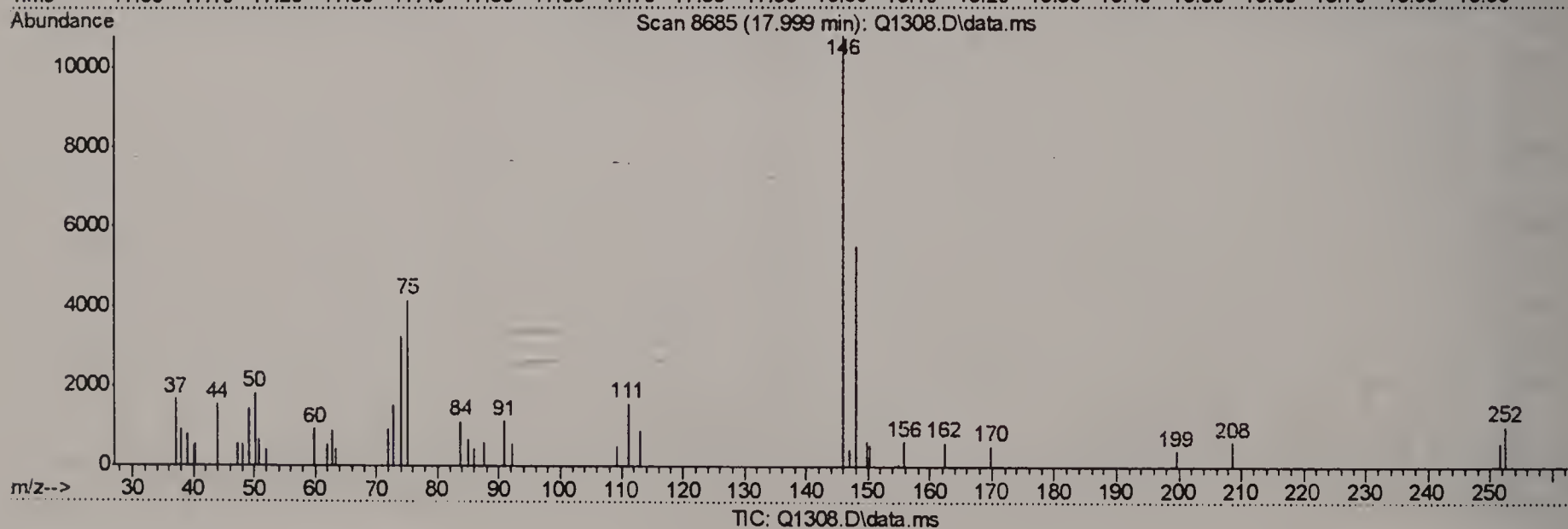
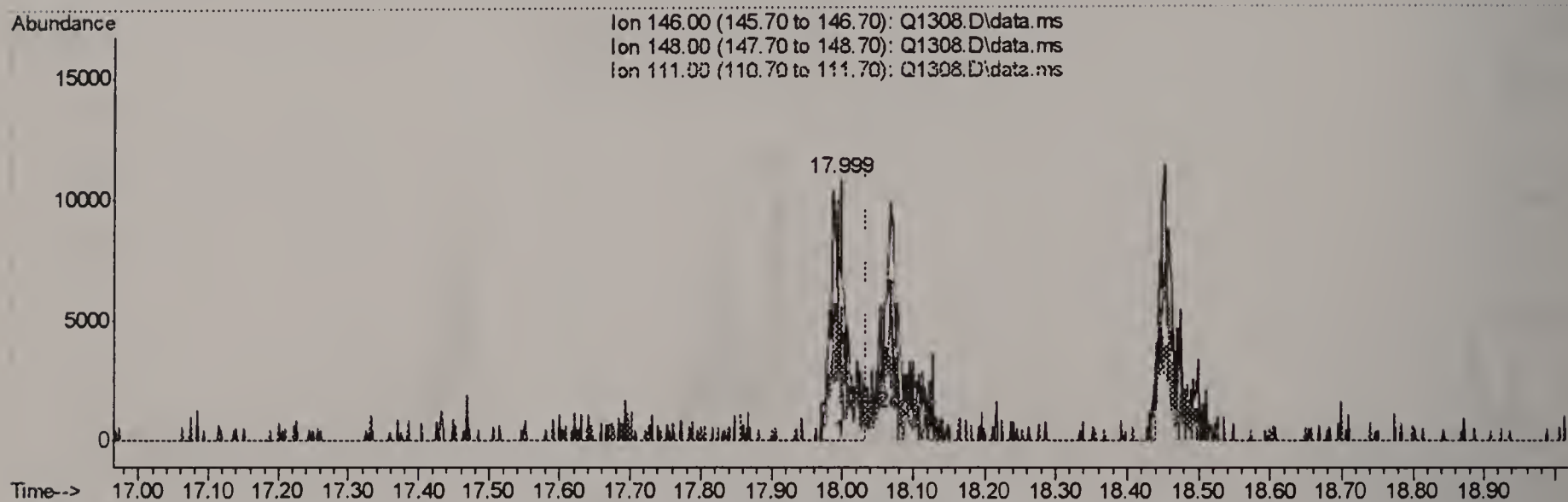
response 14794

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	59.82
111.00	44.00	38.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(68) m-DICHLOROBENZENE (m)

17.999min (-0.035) 0.42PPBV m

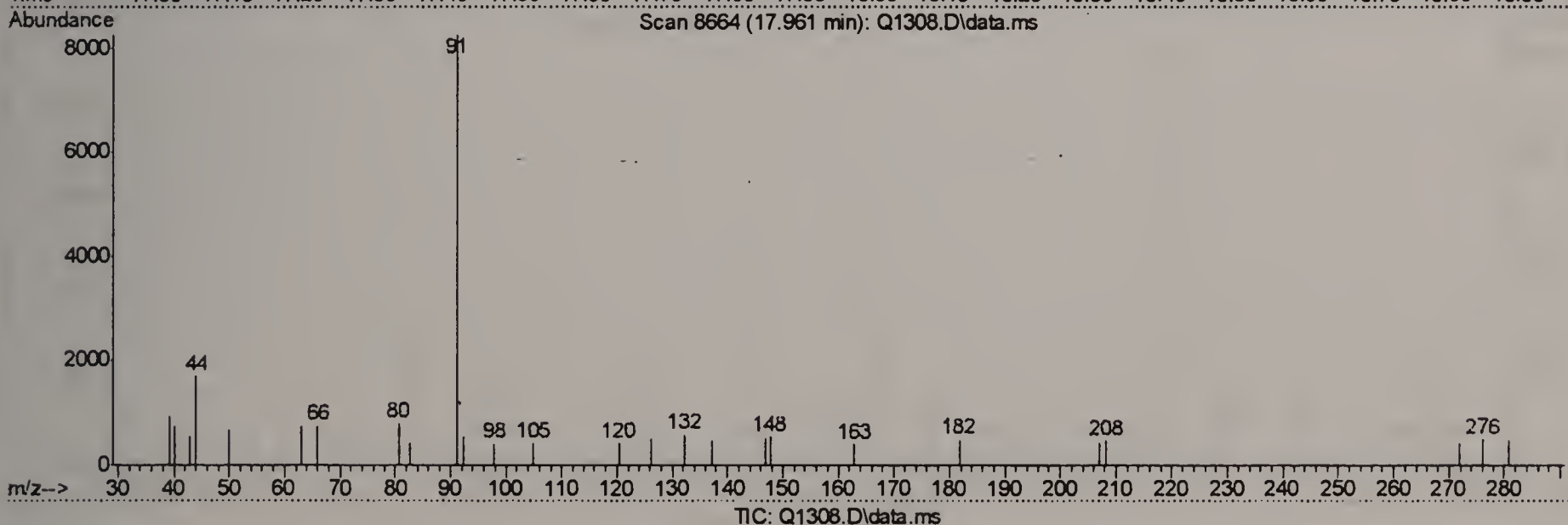
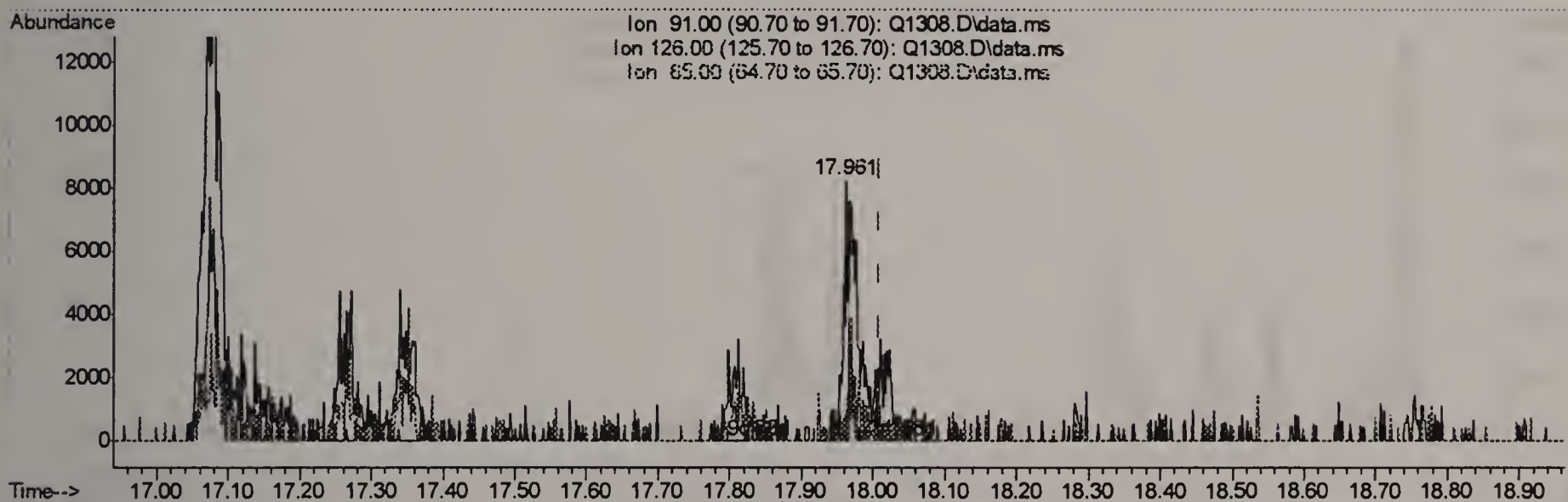
response 16580

Ion	Exp%	Act%
146.00	100	100
148.00	64.00	53.38
111.00	44.00	34.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



TIC: Q1308.D\data.ms

(69) BENZYL CHLORIDE (m)

17.961min (-0.048) 0.12PPBV

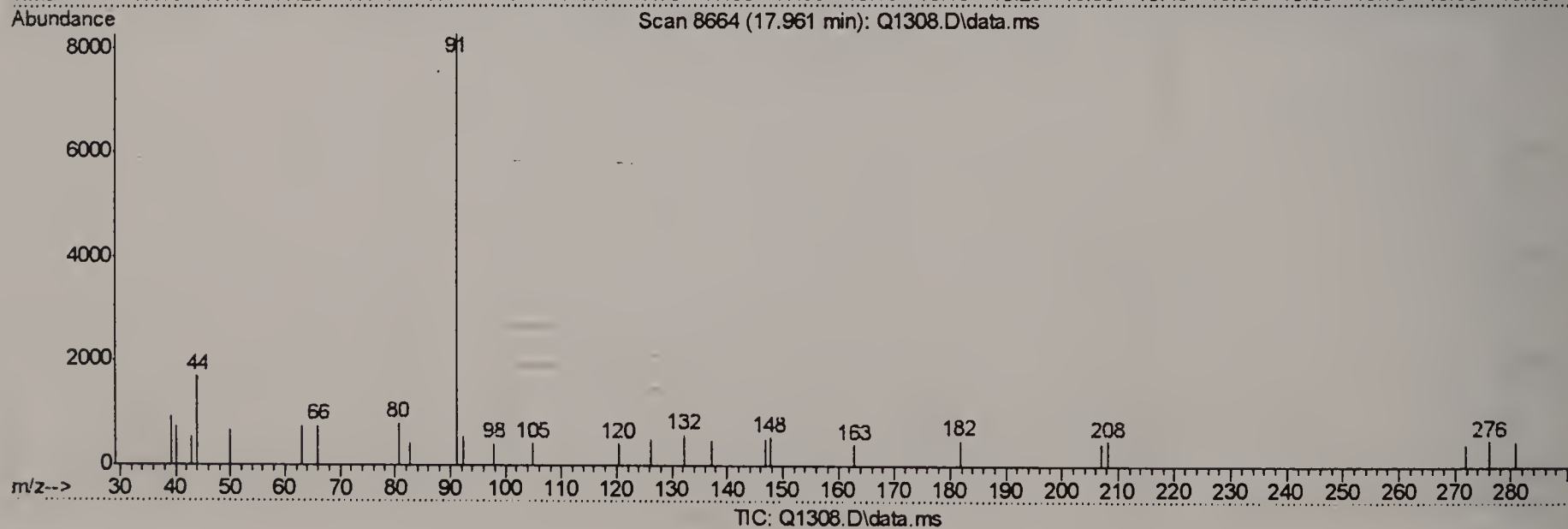
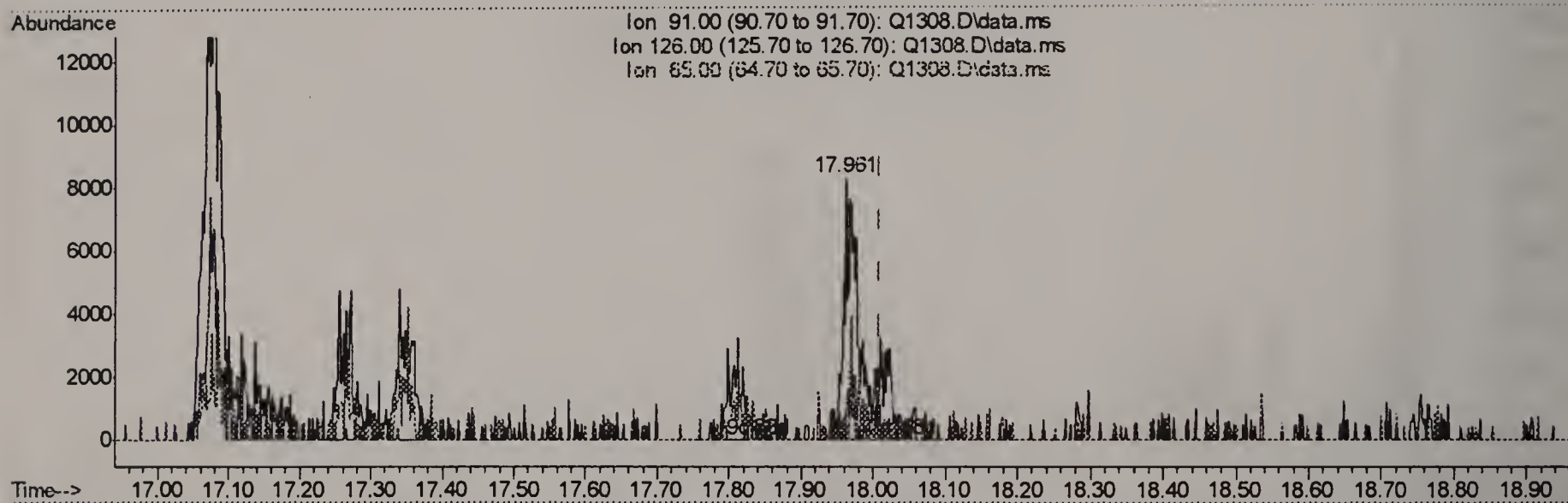
response 3845

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	3.59
65.00	14.40	5.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.961min (-0.048) 0.43PPBV m

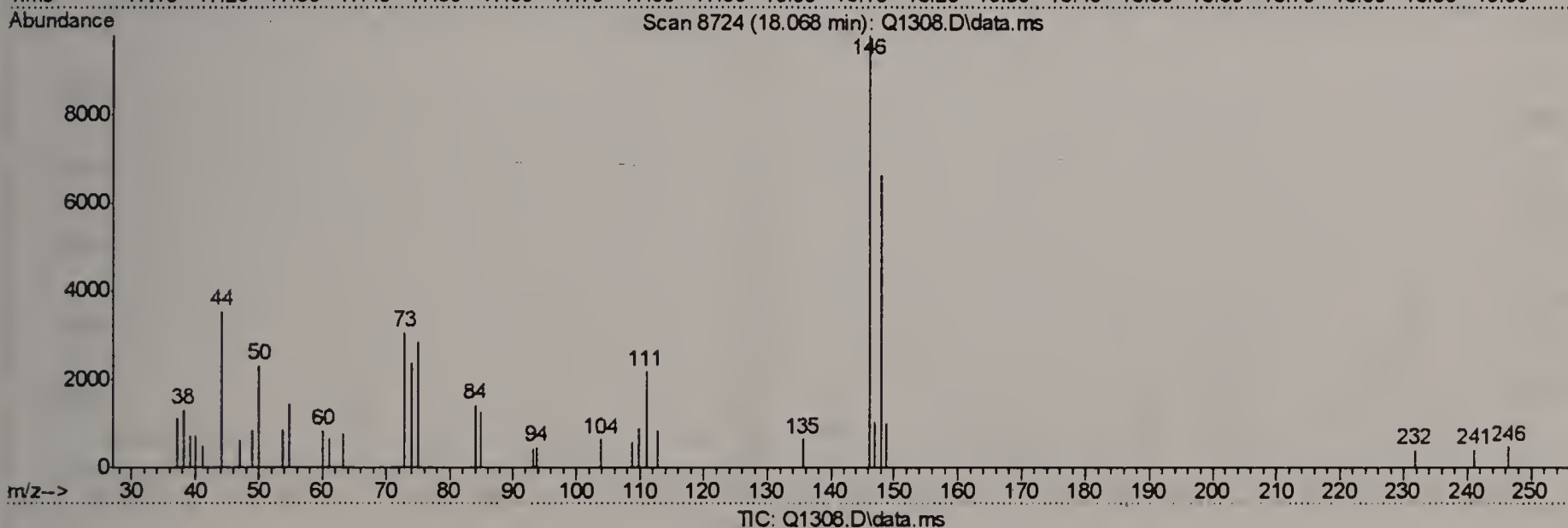
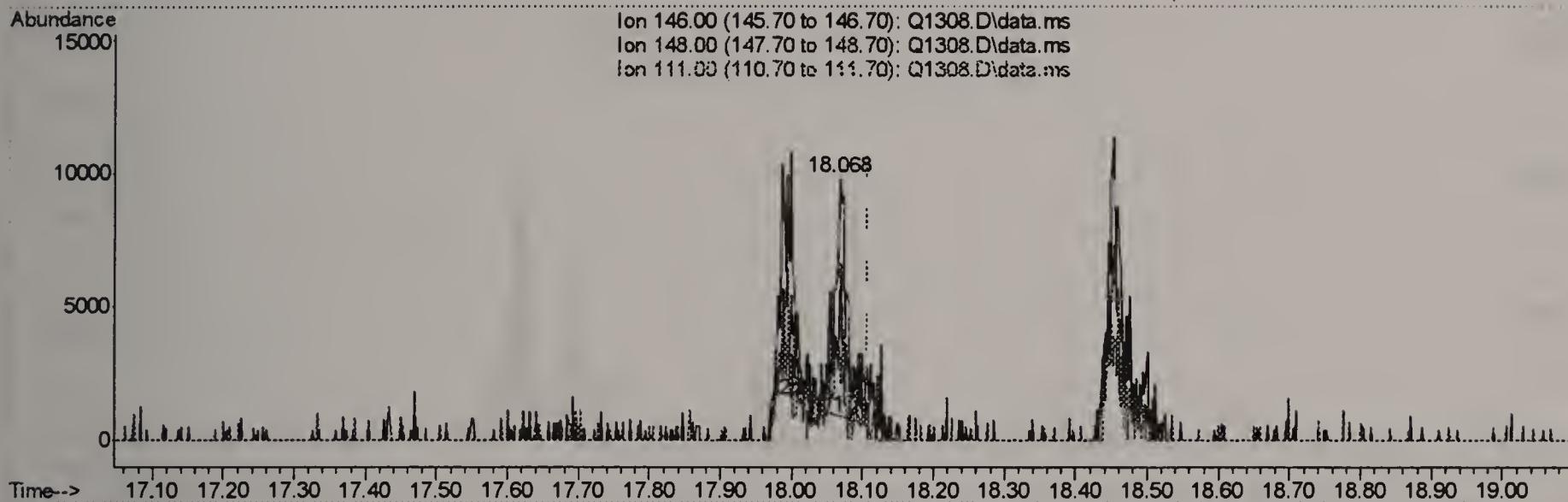
response 14404

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.96
65.00	14.40	1.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.25PPBV

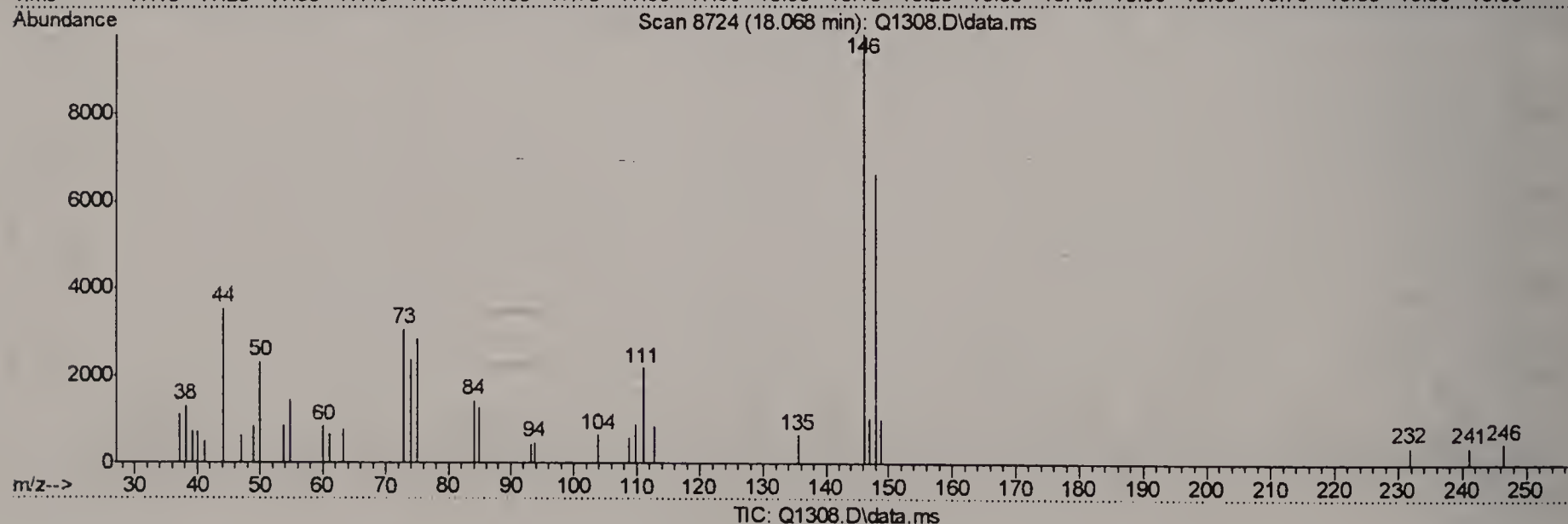
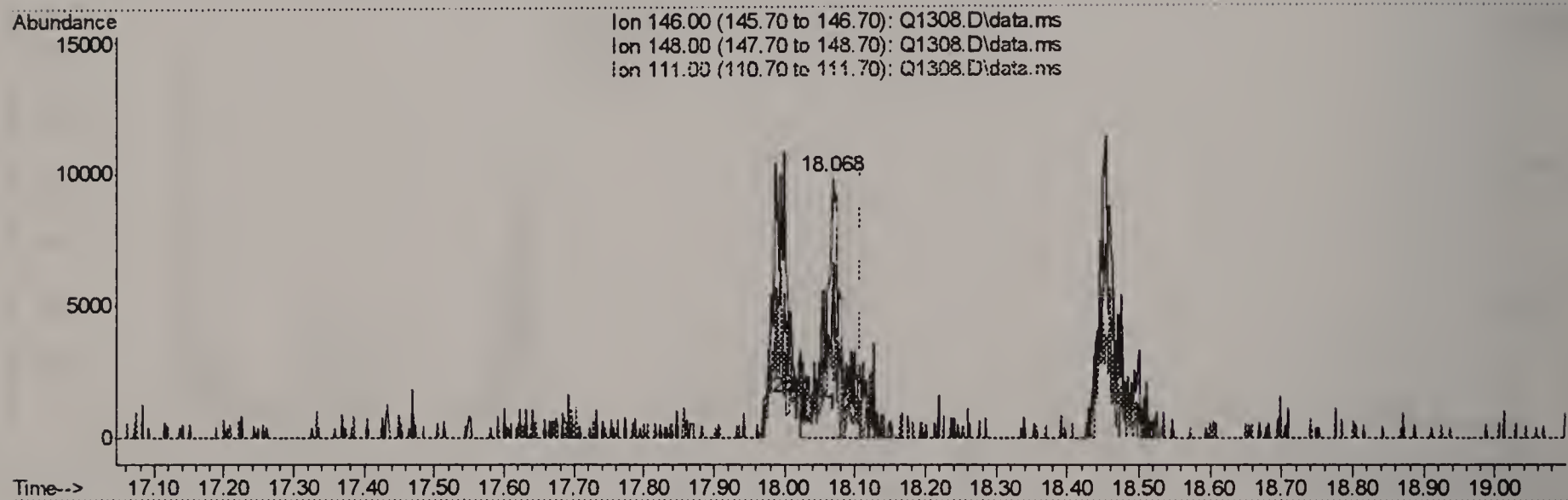
response 10630

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	50.99
111.00	42.40	40.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



TIC: Q1308.D\data.ms

(70) p-DICHLOROBENZENE (m)

18.068min (-0.039) 0.45PPBV m

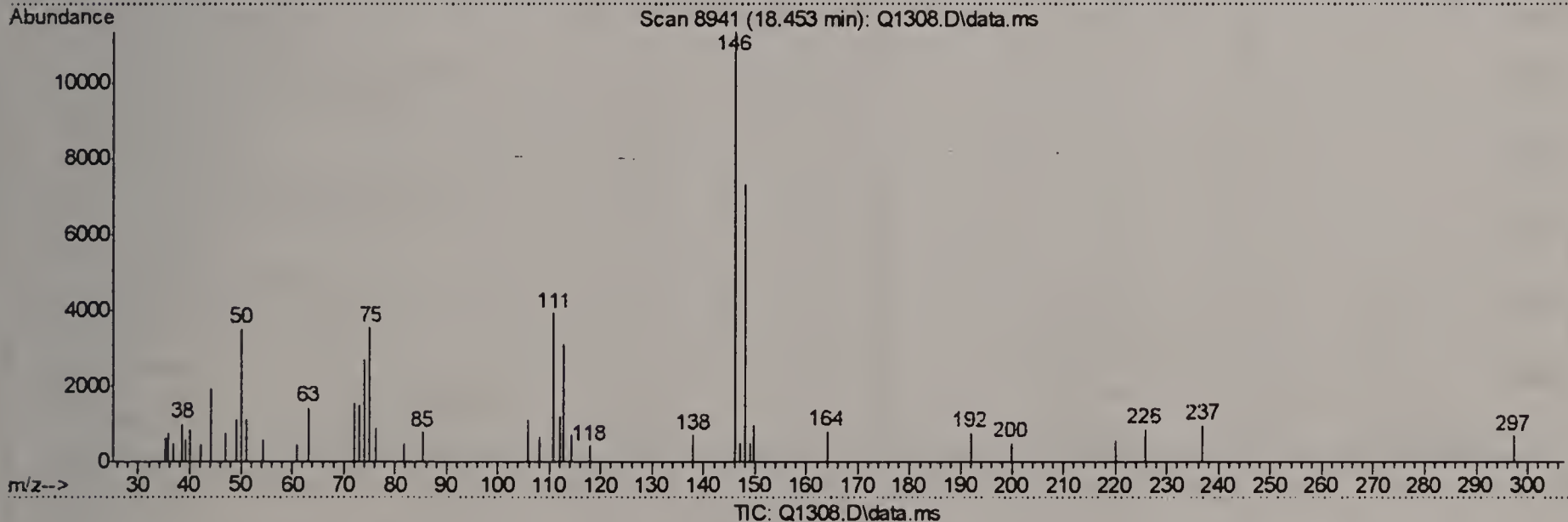
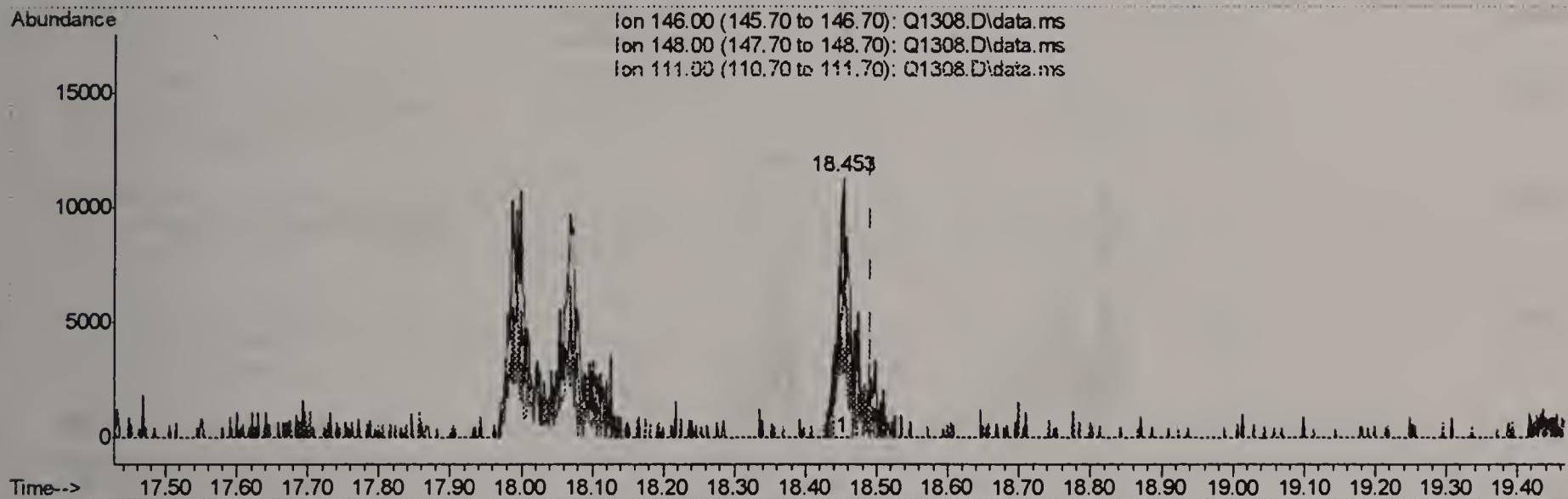
response 18949

Ion	Exp%	Act%
146.00	100	100
148.00	63.50	28.60#
111.00	42.40	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



(71) o-DICHLOROBENZENE (m)

18.453min (-0.039) 0.30PPBV

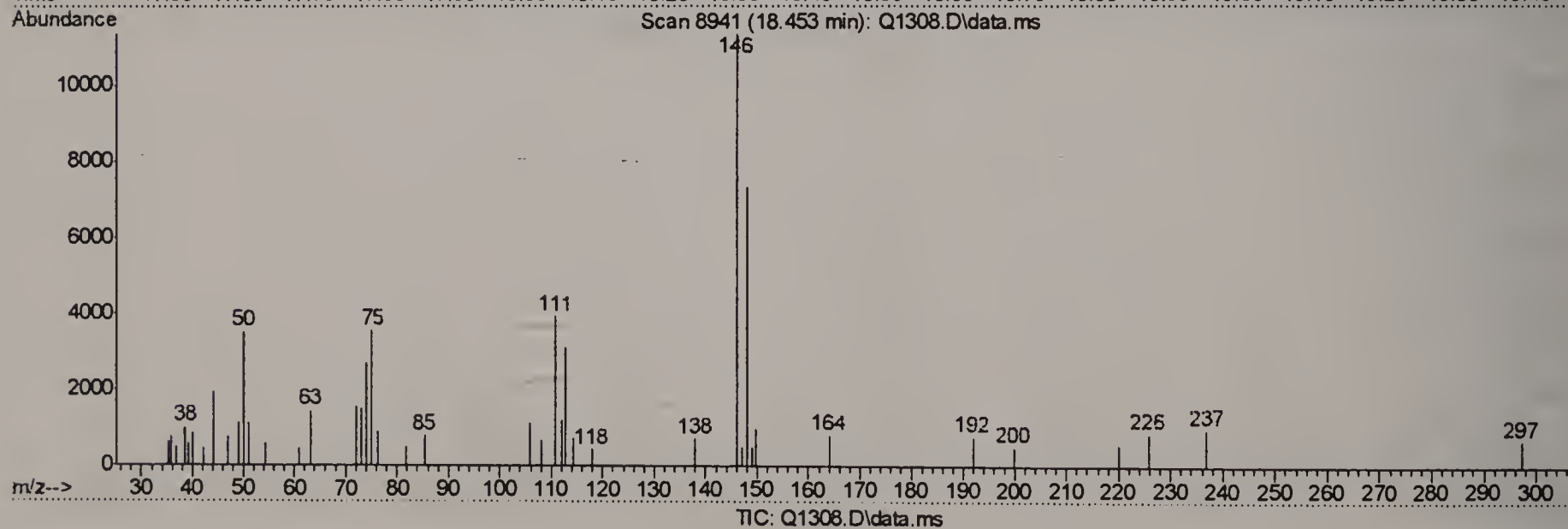
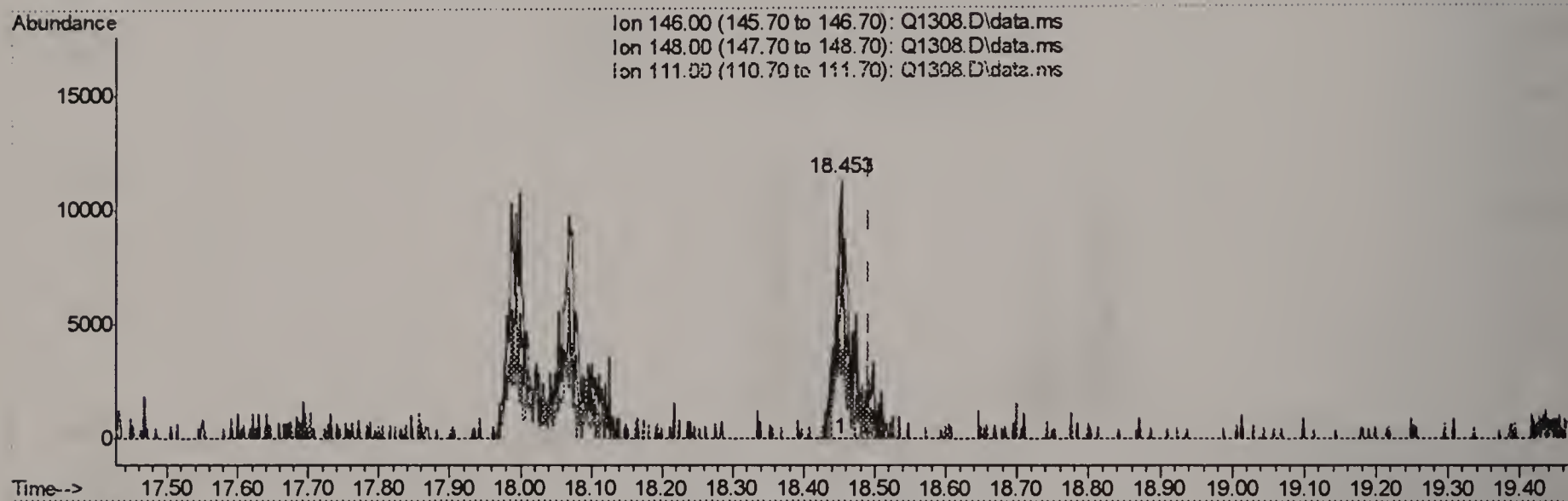
response 12358

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	89.40#
111.00	45.70	47.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1308.D
 Acq On : 7 Aug 2006 3:27 pm
 Operator : PhilipB
 Sample : IC68-.5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:45:38 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:45:33 2006
 Response via : Initial Calibration



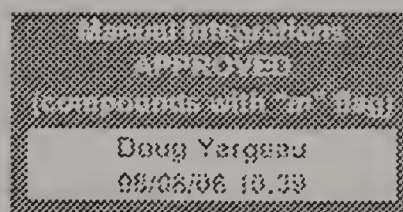
(71) o-DICHLOROBENZENE (m)

18.453min (-0.039) 0.44PPBV m

response 18214

Ion	Exp%	Act%
146.00	100	100
148.00	63.60	60.66
111.00	45.70	31.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	638106	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1575137	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.763	117	1067900	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.382	95	299951	5.73	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	114.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2118786	7.48	PPBV	100
3) PROPYLENE	3.971	41	352351	7.75	PPBV	93
4) FREON 114	4.308	85	2101549	7.96	PPBV	97
5) CHLOROMETHANE	4.211	50	460250	6.74	PPBV	96
6) VINYL CHLORIDE	4.438	62	556953	7.32	PPBV	99
7) 1,3-BUTADIENE	4.576	39	531198	8.09	PPBV	81
8) BROMOMETHANE	4.857	94	588702	7.83	PPBV	98
9) CHLOROETHANE	5.029	64	262331	7.65	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.820	101	2690481	8.15	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735545	8.66	PPBV	90
12) ACETONE	5.623	43	955550	8.53	PPBV	89
13) PENTANE	6.177	42	581847	8.08	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.461	96	536415	7.73	PPBV	91
15) CARBON DISULFIDE	6.896	76	1595646	8.24	PPBV	89
16) ETHANOL	5.114	45	196895	8.01	PPBV	95
17) BROMOETHENE	5.398	106	496025	8.29	PPBV #	88
18) METHYLENE CHLORIDE	6.578	84	499408	6.13	PPBV	86
19) 3-CHLOROPROPENE	6.701	39	828561	8.71	PPBV #	71
20) FREON 113	6.841	151	1456333	8.85	PPBV #	82
21) TRANS-1,2-DICHLOROETHY...	7.513	96	575901	8.03	PPBV	97
22) TERTIARY BUTYL ALCOHOL	6.470	59	587133	5.58	PPBV	88
23) METHYL TERTIARY BUTYL ...	7.749	73	1649327	9.62	PPBV	92
24) TETRAHYDROFURAN	9.191	42	398355	10.20	PPBV	79
25) HEXANE	8.717	57	979920	8.68	PPBV	88
26) VINYL ACETATE	7.833	43	1688513	10.00	PPBV	97
27) 1,1-DICHLOROETHANE	7.712	63	1321984	8.44	PPBV	95
28) METHYL ETHYL KETONE	8.076	43	1247030	8.94	PPBV	97
29) cis-1,2-DICHLOROETHYLENE	8.520	96	683546	8.57	PPBV	90
30) ETHYL ACETATE	8.713	43	2187388	9.06	PPBV	99
31) CHLOROFORM	8.802	83	1874567	9.33	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.762	97	1215983	9.22	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1402557	9.28	PPBV	99
34) 1,2-DICHLOROETHANE	9.515	62	720411	9.33	PPBV	97
36) BENZENE	10.202	78	1306010	9.77	PPBV	94
37) CYCLOHEXANE	10.470	84	532358	8.36	PPBV #	70
38) TRICHLOROETHYLENE	11.201	95	621987	9.49	PPBV	93
39) 1,2-DICHLOROPROPANE	10.980	63	438439	9.22	PPBV	90
40) BROMODICHLOROMETHANE	11.166	83	937589	9.31	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.224	57	2290072	9.30	PPBV	98
42) 1,4-DIOXANE	11.185	88	199490	10.07	PPBV #	81
43) HEPTANE	11.464	43	797218	9.93	PPBV	89

Data Path : C:\msdchem\1\DATA\
Data File : Q1309.D
Acq On : 7 Aug 2006 4:12 pm
Operator : PhilipB
Sample : ICC68-10 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:13 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:48:29 2006
Response via : Initial Calibration

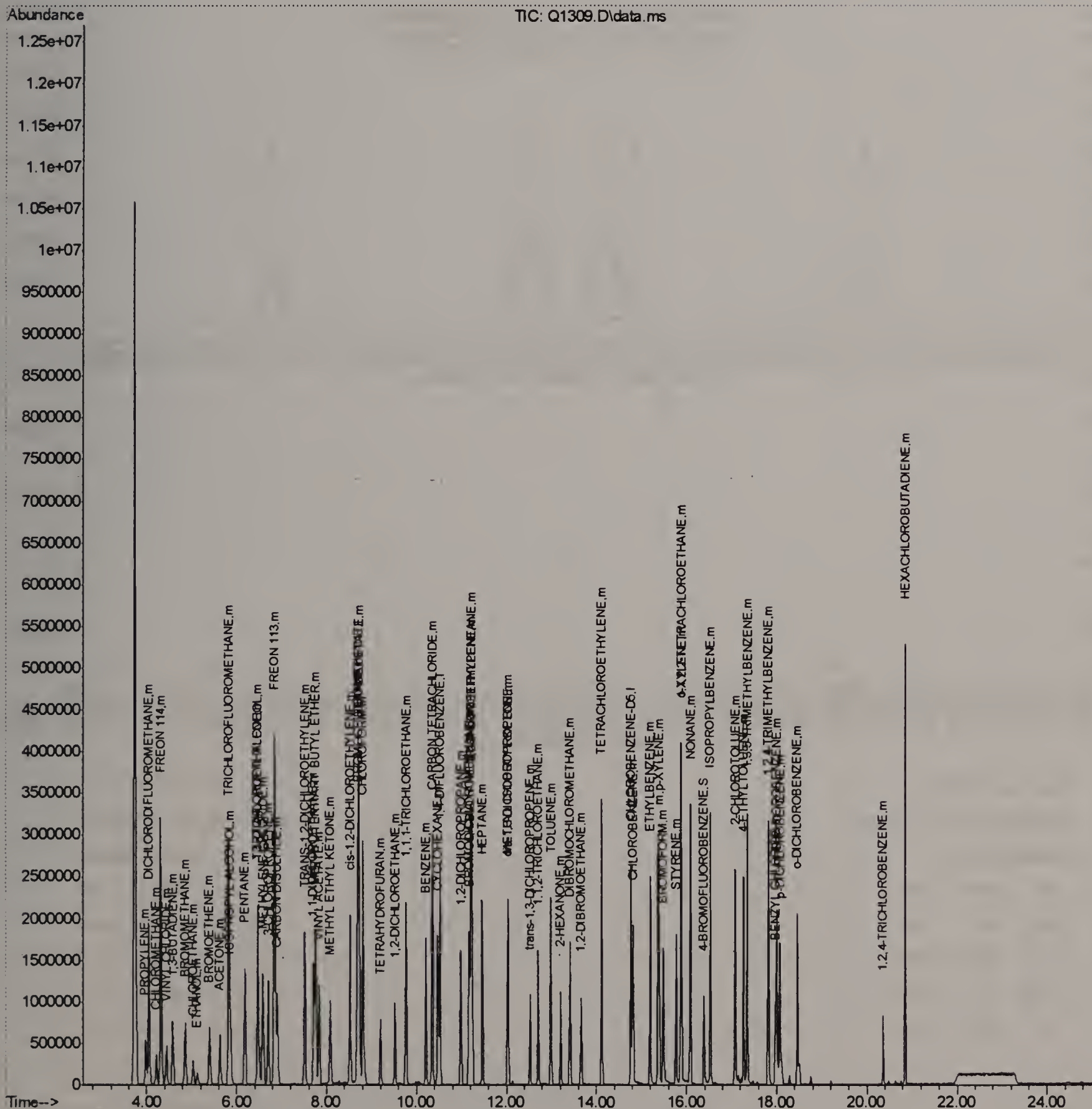
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.036	43	932150	10.07	PPBV	96
45) cis-1,3-DICHLOROPROPENE	12.018	75	612866	10.29	PPBV	94
46) TOLUENE	12.983	92	756926	10.70	PPBV	98
47) trans-1,3-DICHLOROPROPENE	12.518	75	446271	11.38	PPBV	97
48) 1,1,2-TRICHLOROETHANE	12.701	83	373640	9.51	PPBV	97
50) 2-HEXANONE	13.202	43	728495	10.48	PPBV	96
51) TETRACHLOROETHYLENE	14.114	164	545490	10.45	PPBV	90
52) DIBROMOCHLOROMETHANE	13.407	129	652950	9.63	PPBV	99
53) 1,2-DIBROMOETHANE	13.659	107	534270	9.54	PPBV	96
54) CHLOROBENZENE	14.809	112	764880	9.10	PPBV	93
55) ETHYLBENZENE	15.188	91	1534650	11.14	PPBV	98
56) m,p-XYLENE	15.384	106	1098599m	21.10	PPBV	
57) o-XYLENE	15.880	106	565144	10.91	PPBV	95
58) STYRENE	15.766	104	693257	12.17	PPBV	95
59) NONANE	16.082	43	1198321	10.32	PPBV	91
60) BROMOFORM	15.482	173	627450	11.32	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.871	83	927156	10.15	PPBV	97
63) ISOPROPYLBENZENE	16.527	105	1765539	10.96	PPBV	95
64) 2-CHLOROTOLUENE	17.076	91	1261998	11.30	PPBV	97
65) 4-ETHYLTOLUENE	17.260	105	1329278	12.58	PPBV	96
66) 1,3,5-TRIMETHYLBENZENE	17.347	105	1470346	11.88	PPBV	96
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1369628	13.07	PPBV	96
68) m-DICHLOROBENZENE	17.993	146	664419	11.90	PPBV	96
69) BENZYL CHLORIDE	17.970	91	619562	13.34	PPBV	95
70) p-DICHLOROBENZENE	18.068	146	656788	11.24	PPBV	91
71) o-DICHLOROBENZENE	18.451	146	669874	11.55	PPBV	97
72) HEXACHLOROBUTADIENE	20.844	225	606342	11.01	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.354	180	162028	11.43	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1309.D
Acq On : 7 Aug 2006 4:12 pm
Operator : PhilipB
Sample : ICC68-10 (M140)
Misc : MS11916,MSQ68,,,,,1
ALS Vial : 2 Sample Multiplier: 1

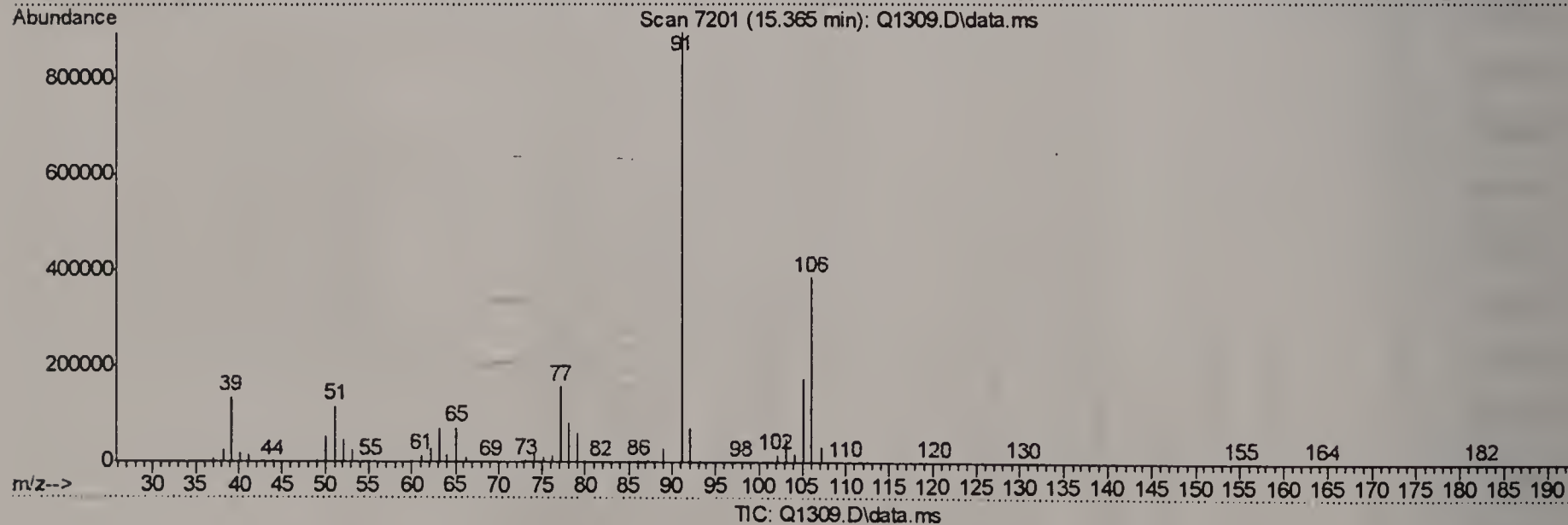
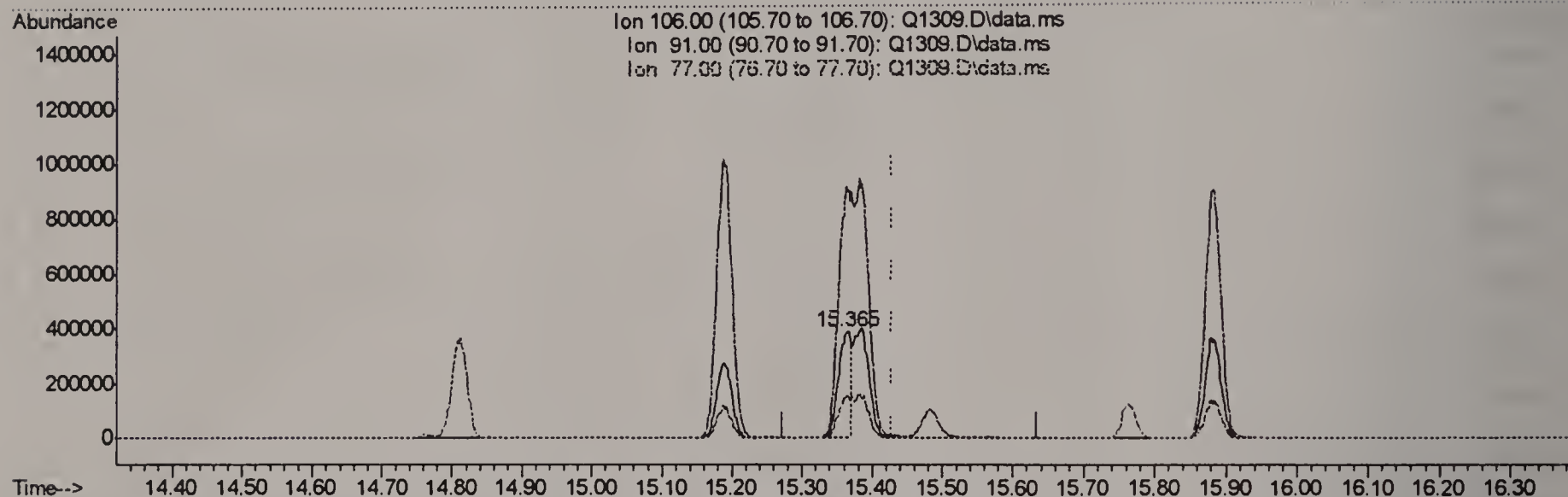
Quant Time: Aug 07 18:49:13 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:48:29 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.365min (-0.064) 9.21PPBV

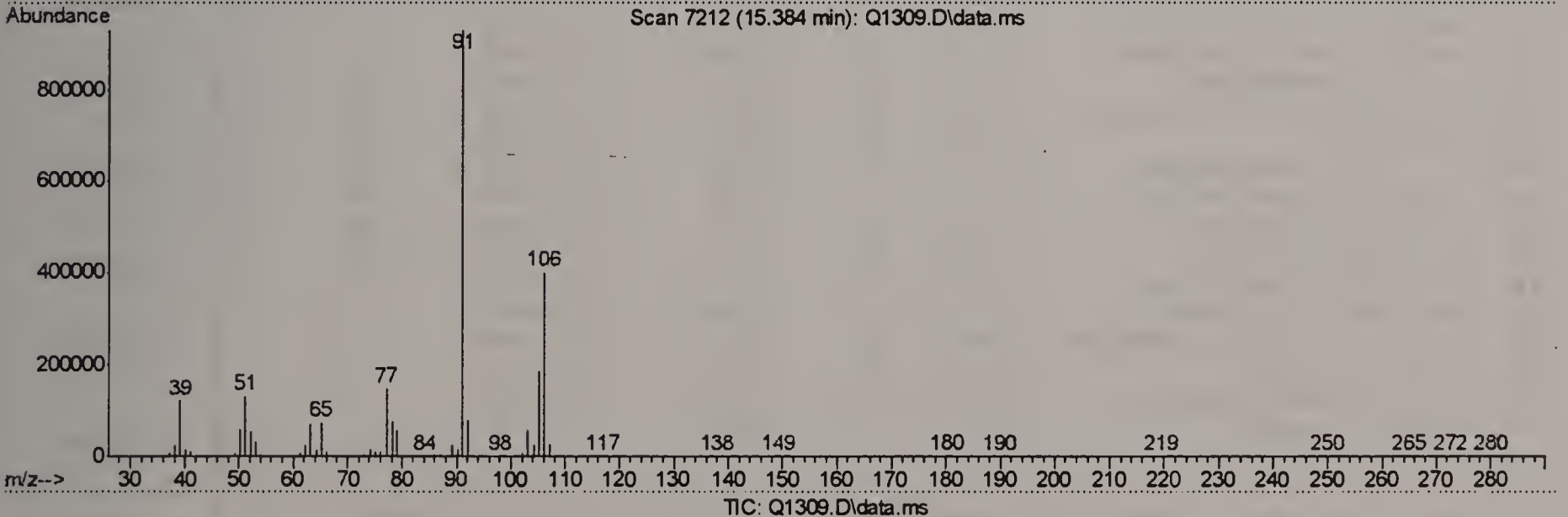
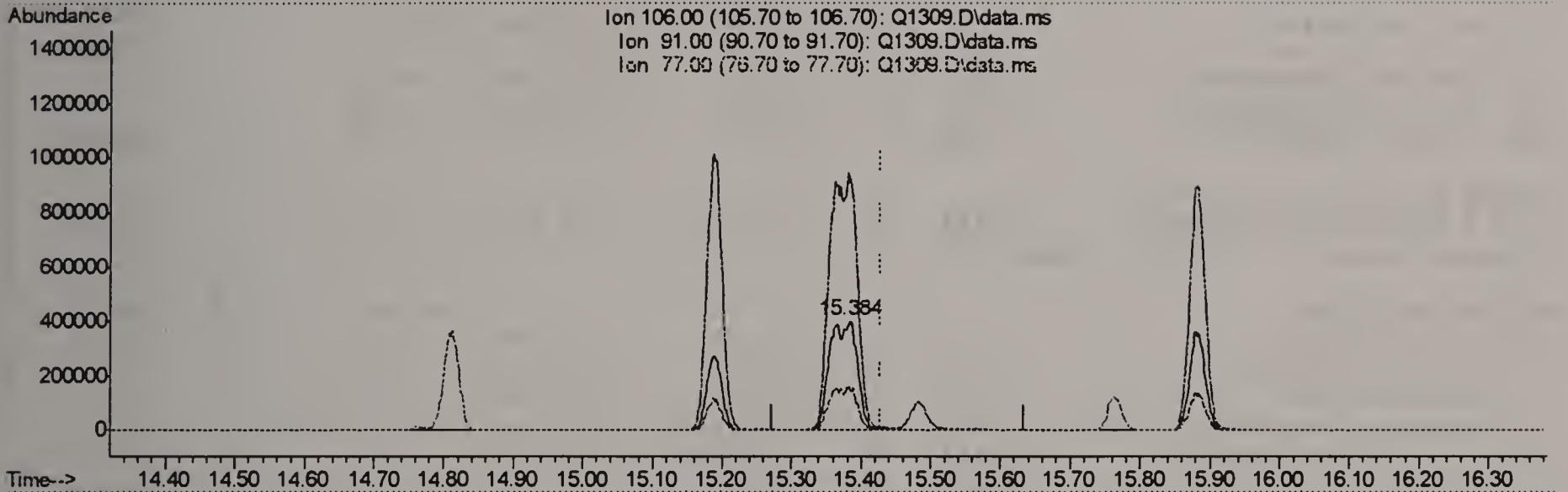
response 479347

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	232.23
77.00	31.80	40.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1309.D
 Acq On : 7 Aug 2006 4:12 pm
 Operator : PhilipB
 Sample : ICC68-10 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:48:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:48:29 2006
 Response via : Initial Calibration



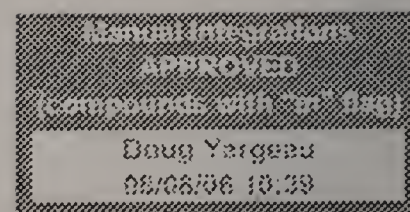
(56) m,p-XYLENE (m)

15.384min (-0.045) 21.10PPBV m

response 1098599

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	231.18
77.00	31.80	36.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:59:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	405882	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.515	114	1076973	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	644742	10.00	PPBV	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-BROMOFLUOROBENZENE	16.384	95	130143m	4.02	PPBV	-0.05
Spiked Amount 5.000	Range 57 - 139		Recovery	=	80.40%	

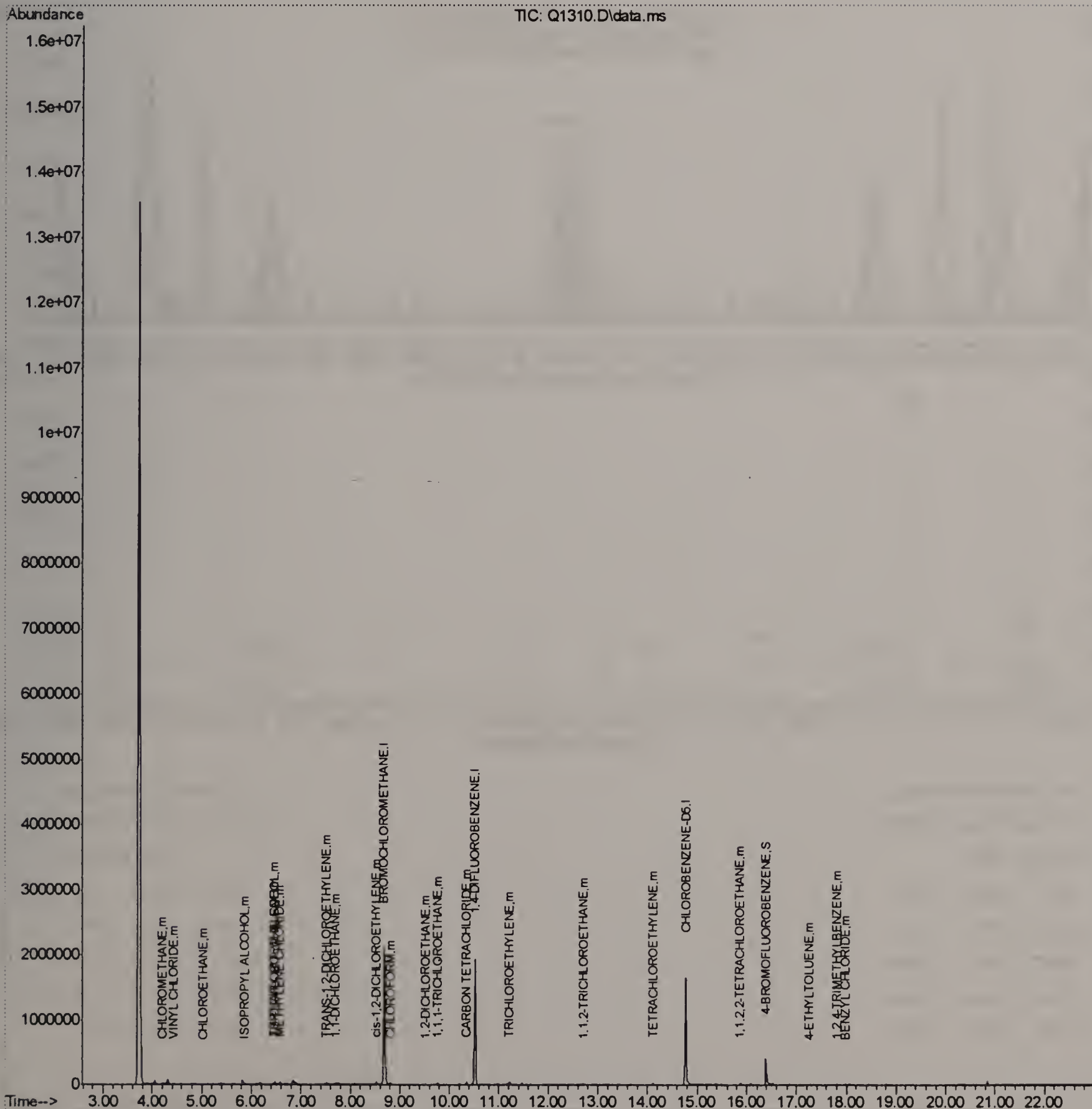
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) CHLOROMETHANE	4.211	50	12057m	0.30	PPBV	
6) VINYL CHLORIDE	4.438	62	11932	0.26	PPBV #	52
9) CHLOROETHANE	5.041	64	5513m	0.26	PPBV	
11) ISOPROPYL ALCOHOL	5.872	45	12972m	0.28	PPBV	
14) 1,1-DICHLOROETHYLENE	6.466	96	10873m	0.26	PPBV	
18) METHYLENE CHLORIDE	6.584	84	18216	0.38	PPBV	75
21) TRANS-1,2-DICHLOROETHY...	7.501	96	10377m	0.23	PPBV	
22) TERTIARY BUTYL ALCOHOL	6.475	59	17306m	0.31	PPBV	
27) 1,1-DICHLOROETHANE	7.702	63	22292	0.23	PPBV	80
29) cis-1,2-DICHLOROETHYLENE	8.513	96	11669	0.23	PPBV #	77
31) CHLOROFORM	8.809	83	18561	0.15	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.760	97	18252	0.22	PPBV #	77
33) CARBON TETRACHLORIDE	10.351	117	22182	0.23	PPBV	87
34) 1,2-DICHLOROETHANE	9.519	62	9867	0.20	PPBV	98
38) TRICHLOROETHYLENE	11.200	95	7560	0.17	PPBV #	84
48) 1,1,2-TRICHLOROETHANE	12.701	83	4502	0.16	PPBV	92
51) TETRACHLOROETHYLENE	14.112	164	5766m	0.17	PPBV	
62) 1,1,2,2-TETRACHLOROETHANE	15.867	83	9699	0.17	PPBV	85
65) 4-ETHYLTOLUENE	17.262	105	6436m	0.09	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	6735m	0.09	PPBV	
69) BENZYL CHLORIDE	17.971	91	3699m	0.11	PPBV	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

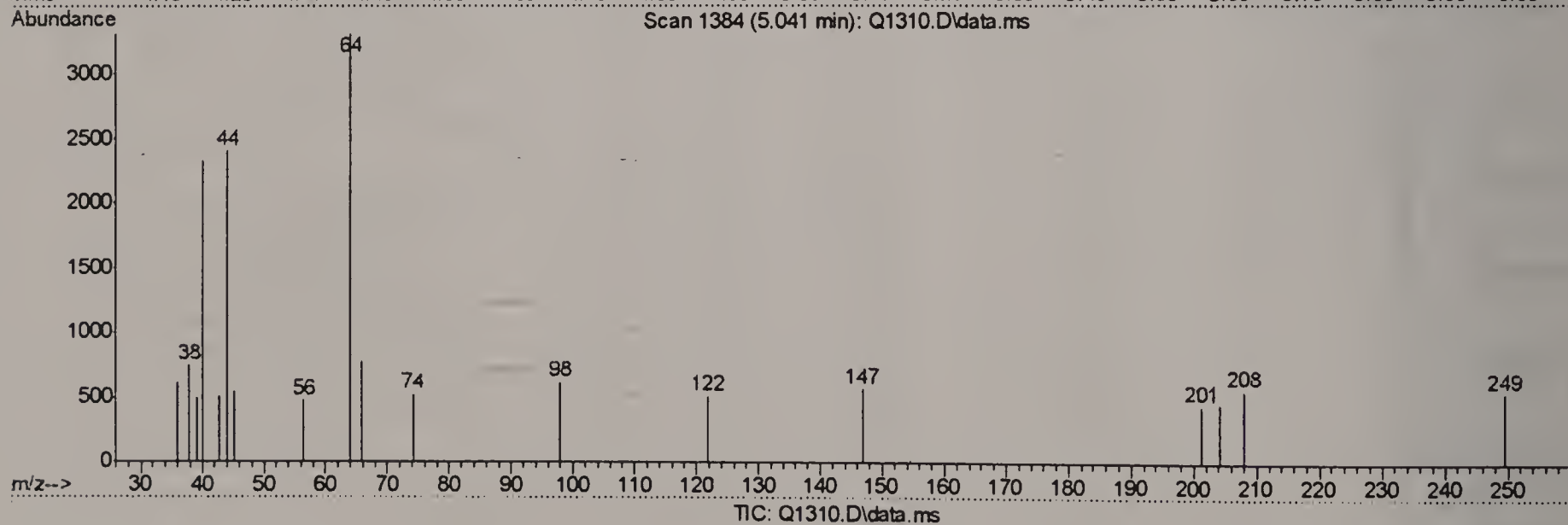
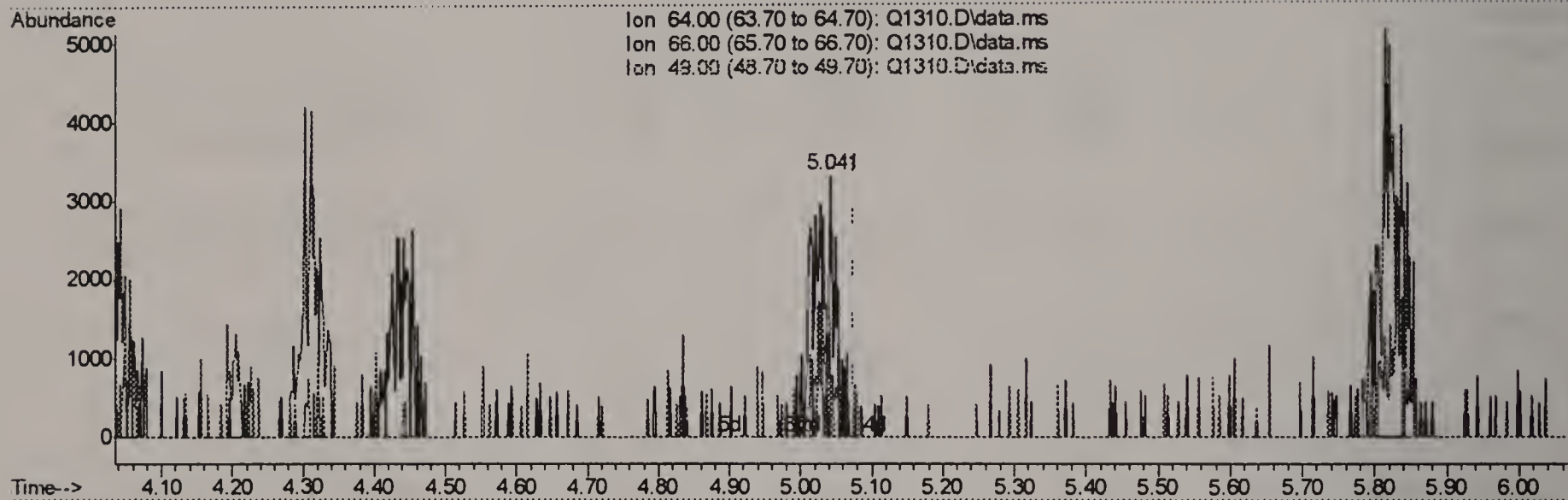
Quant Time: Aug 07 18:59:10 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.041min (-0.034) 0.10PPBV

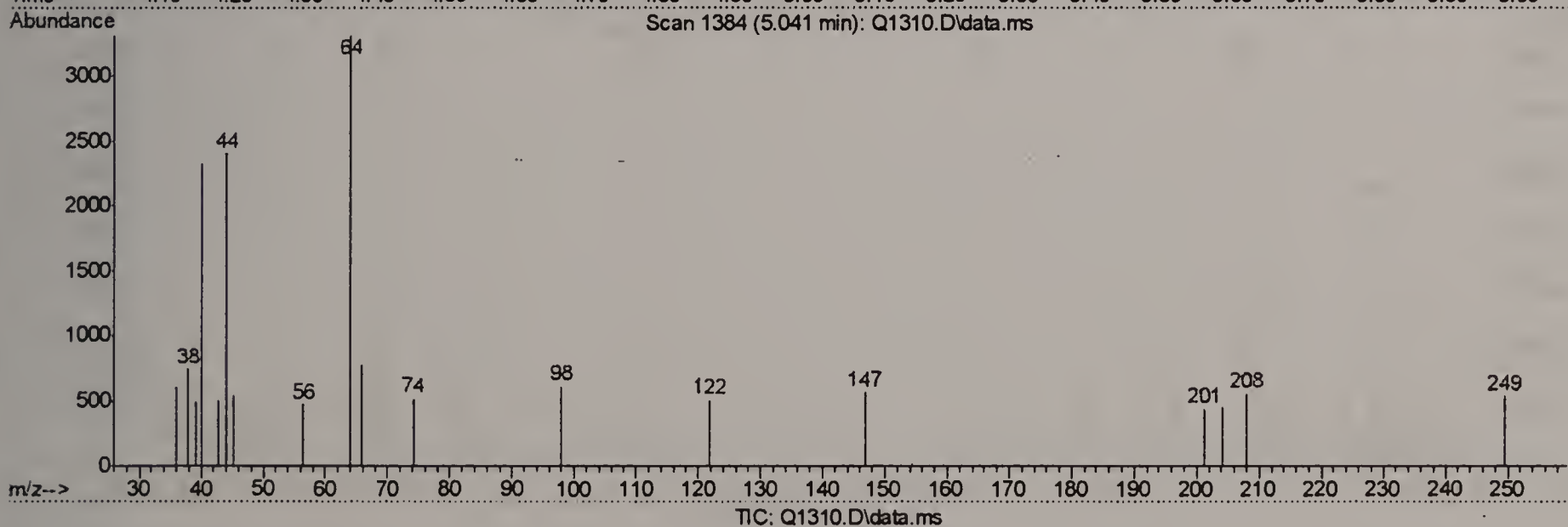
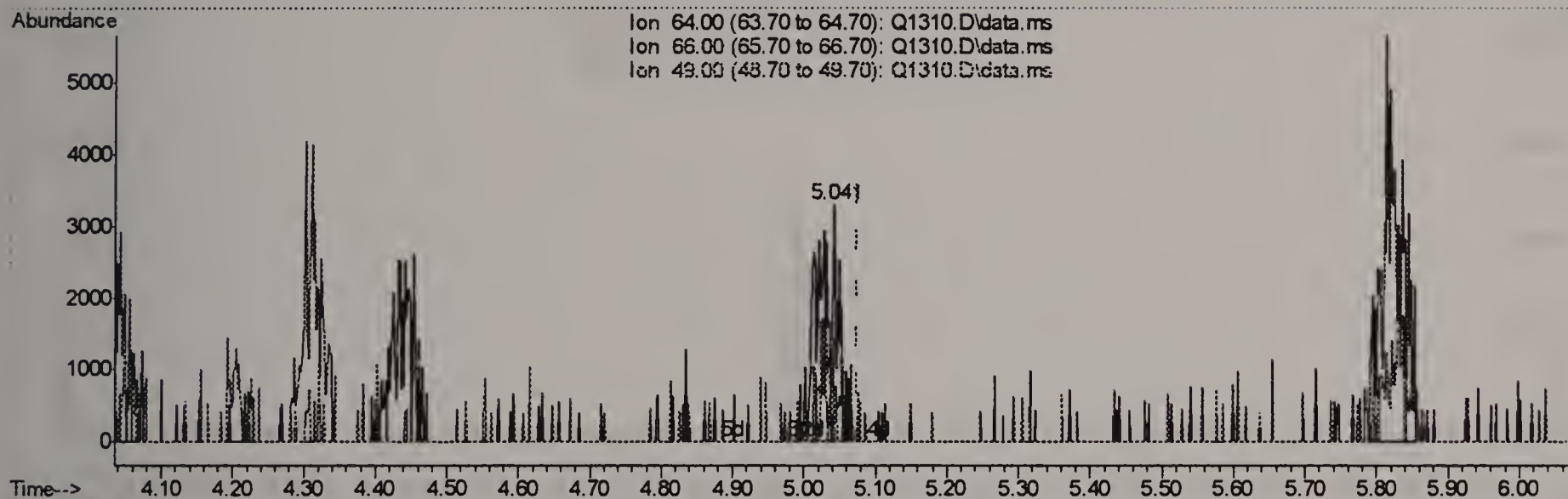
response 2012

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	0.00#
49.00	38.10	15.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(9) CHLOROETHANE (m)

5.041min (-0.034) 0.26PPBV m

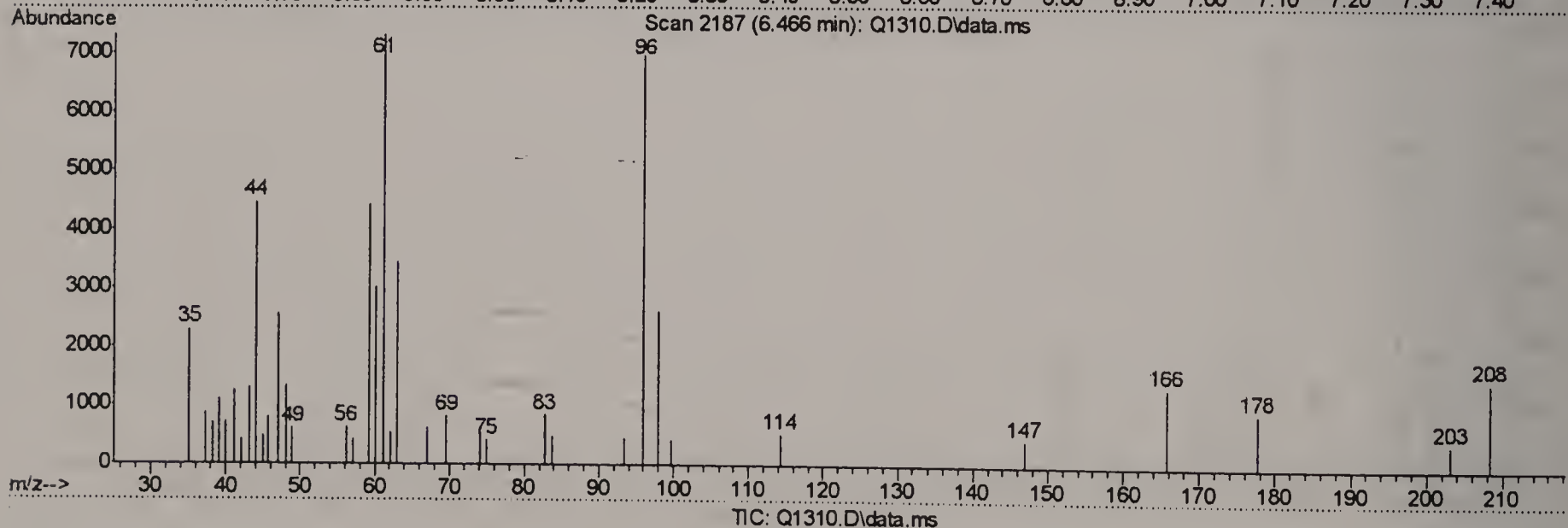
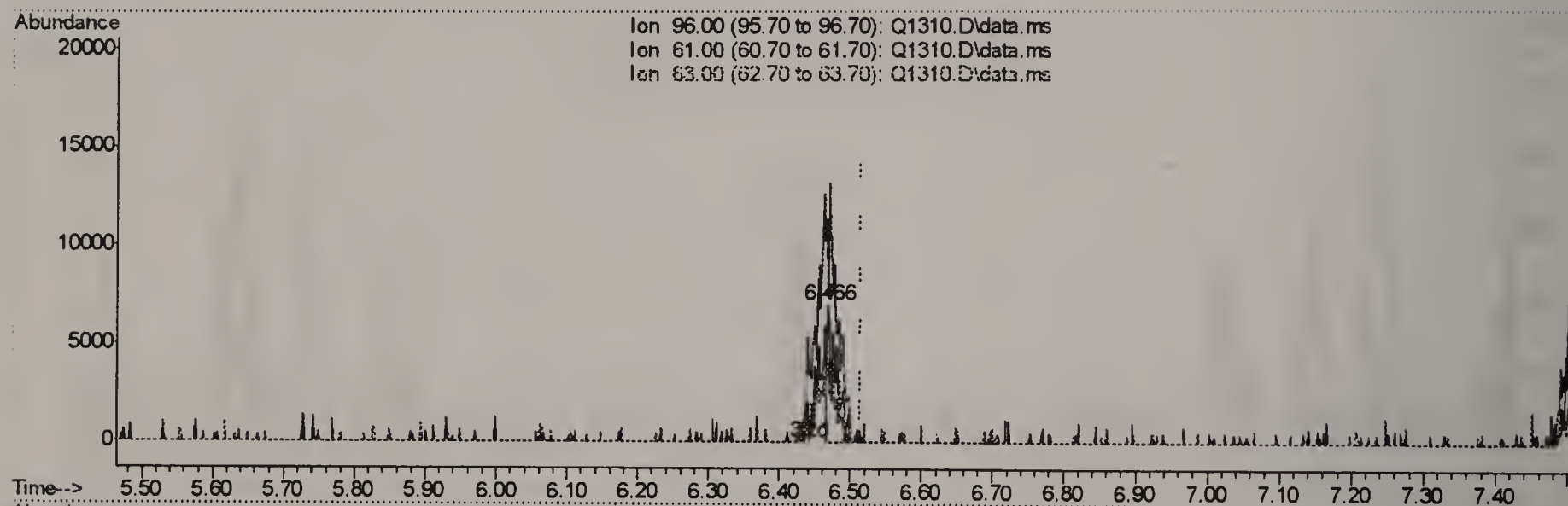
response 5513

Ion	Exp%	Act%
64.00	100	100
66.00	31.10	0.00#
49.00	38.10	5.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.466min (-0.048) 0.13PPBV

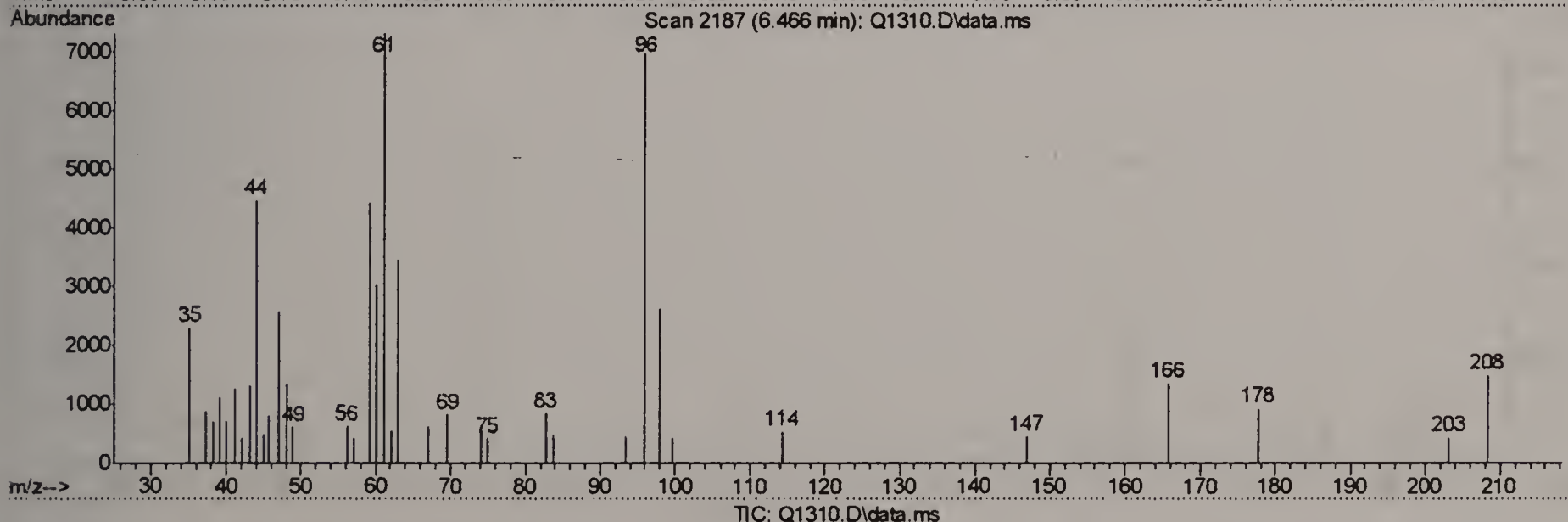
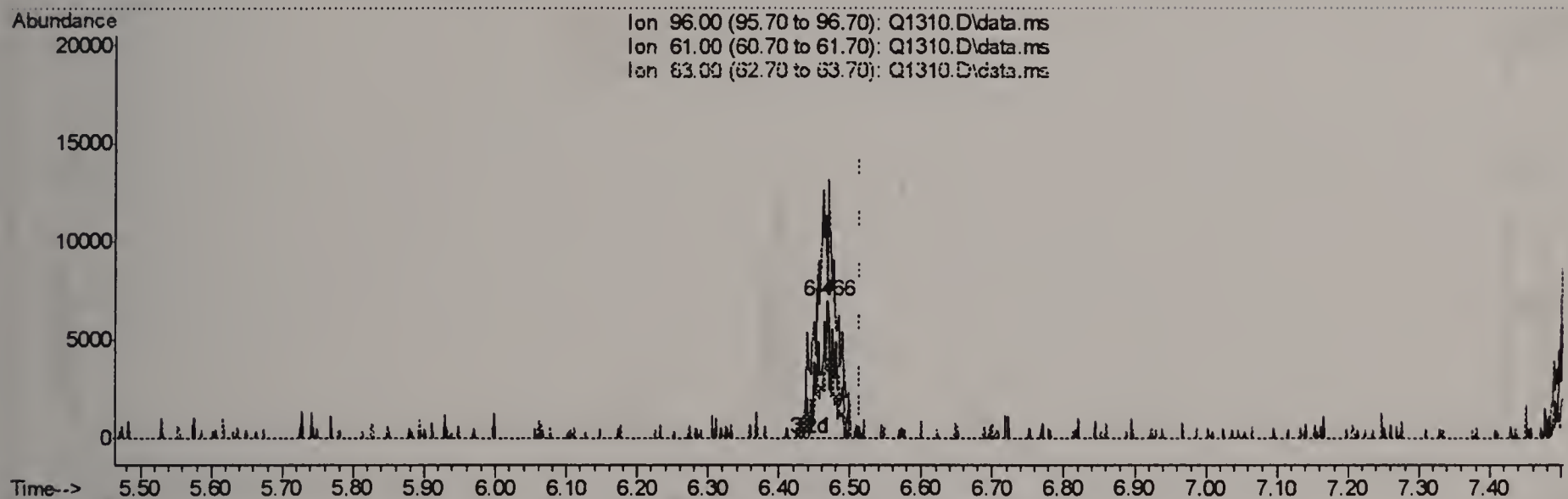
response 5610

Ion	Exp%	Act%
96.00	100	100
61.00	228.90	441.76#
63.00	70.60	107.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(14) 1,1-DICHLOROETHYLENE (m)

6.466min (-0.048) 0.26PPBV m

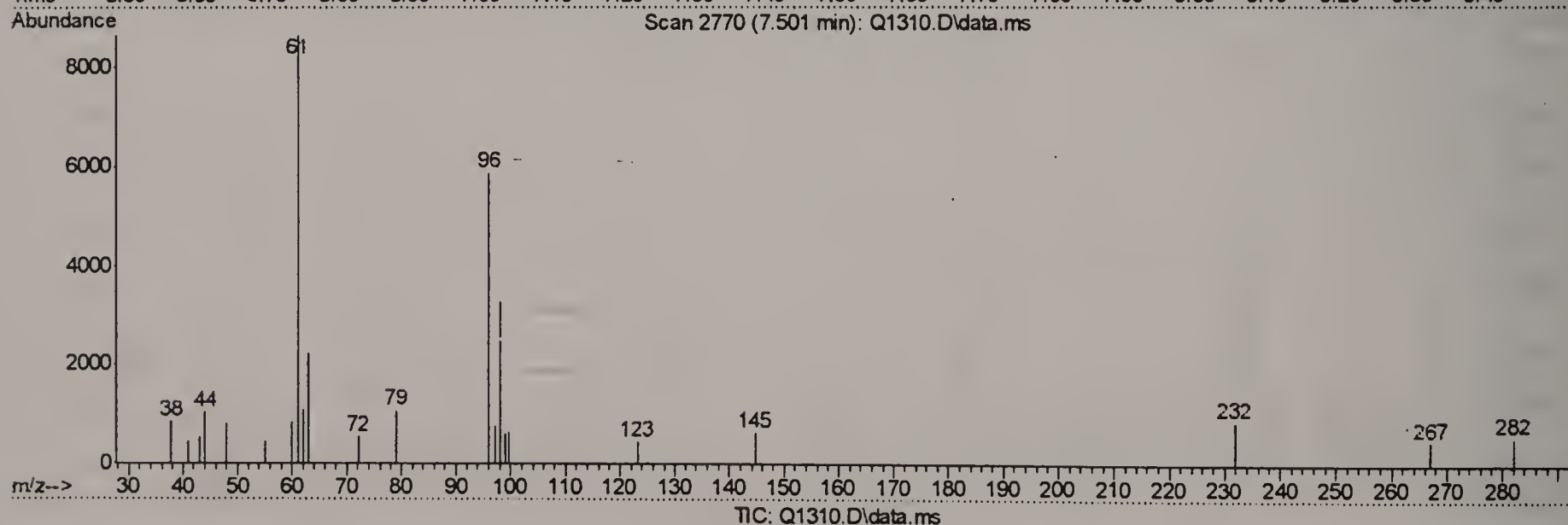
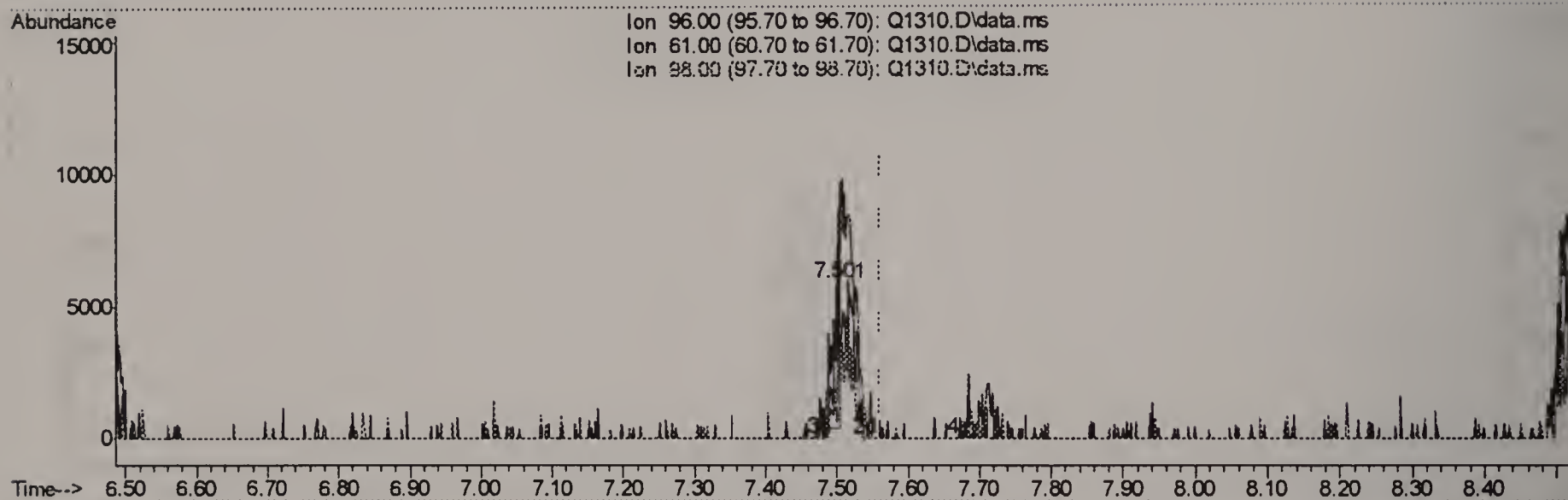
response 10873

Ion	Exp%	Act%
96.00	100	100
61.00	228.90	227.93
63.00	70.60	55.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.501min (-0.060) 0.06PPBV

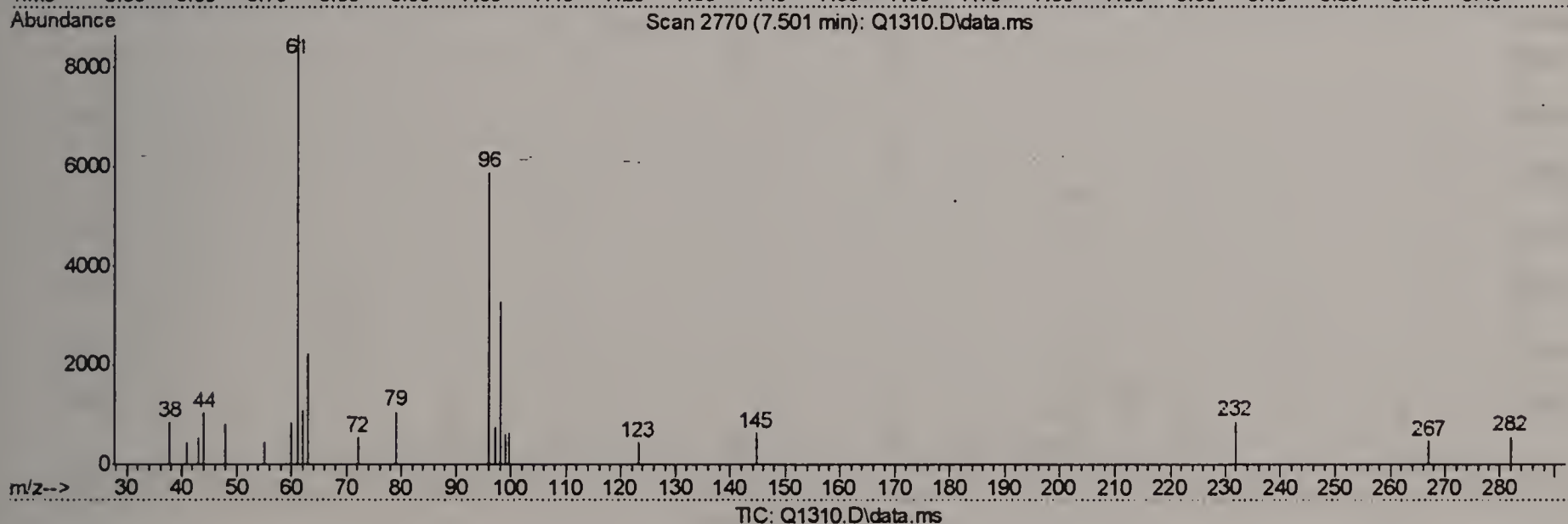
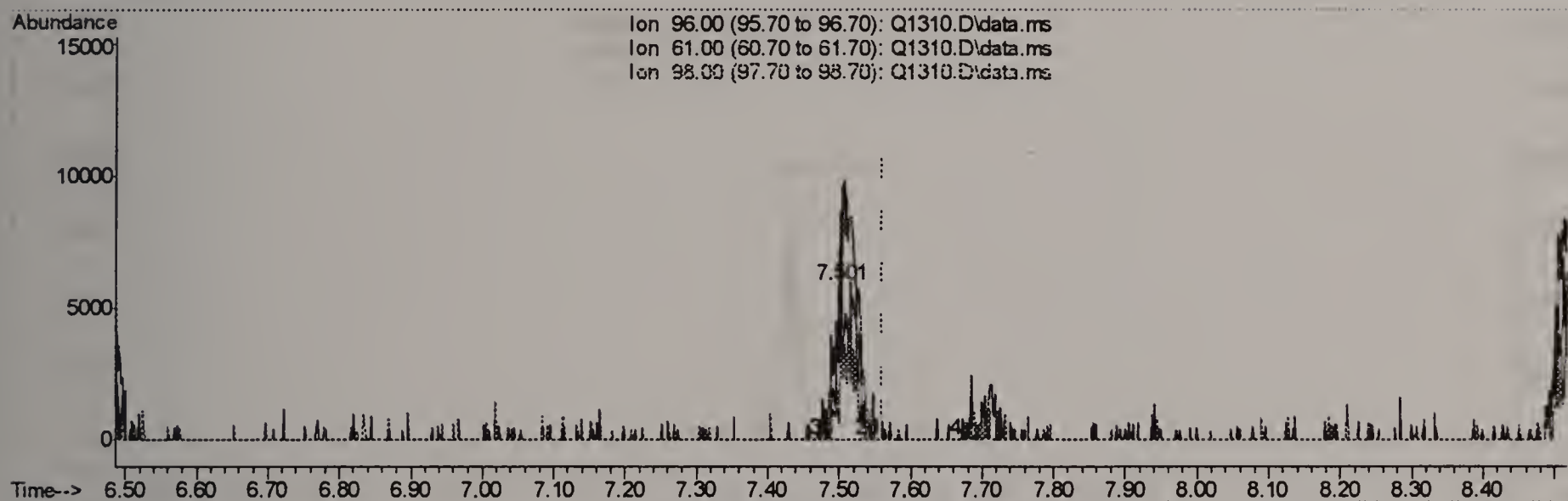
response 2556

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	706.34#
98.00	62.80	228.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(21) TRANS-1,2-DICHLOROETHYLENE (m)

7.501min (-0.060) 0.23PPBV m

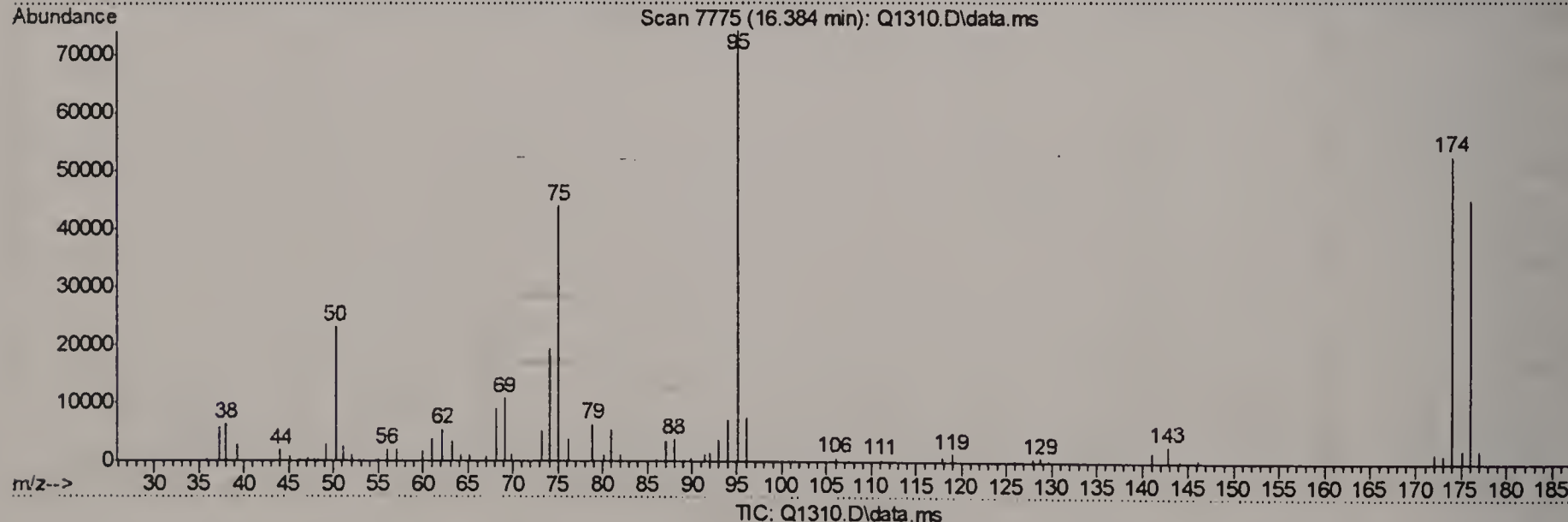
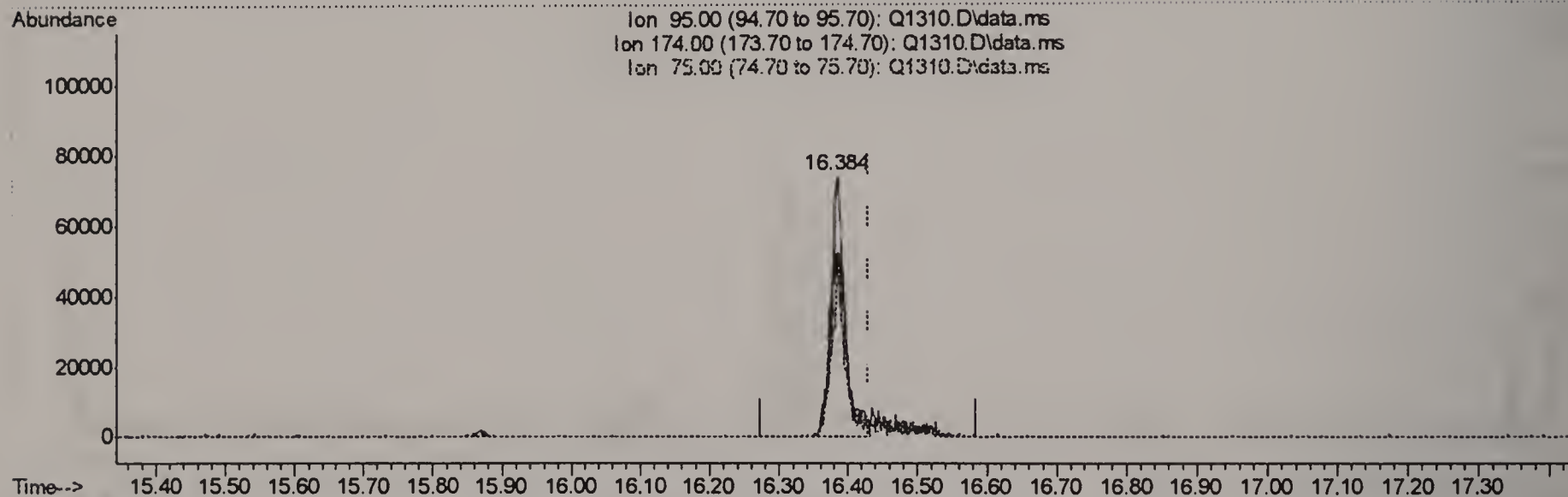
response 10377

Ion	Exp%	Act%
96.00	100	100
61.00	195.30	173.96#
98.00	62.80	56.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 3.38PPBV

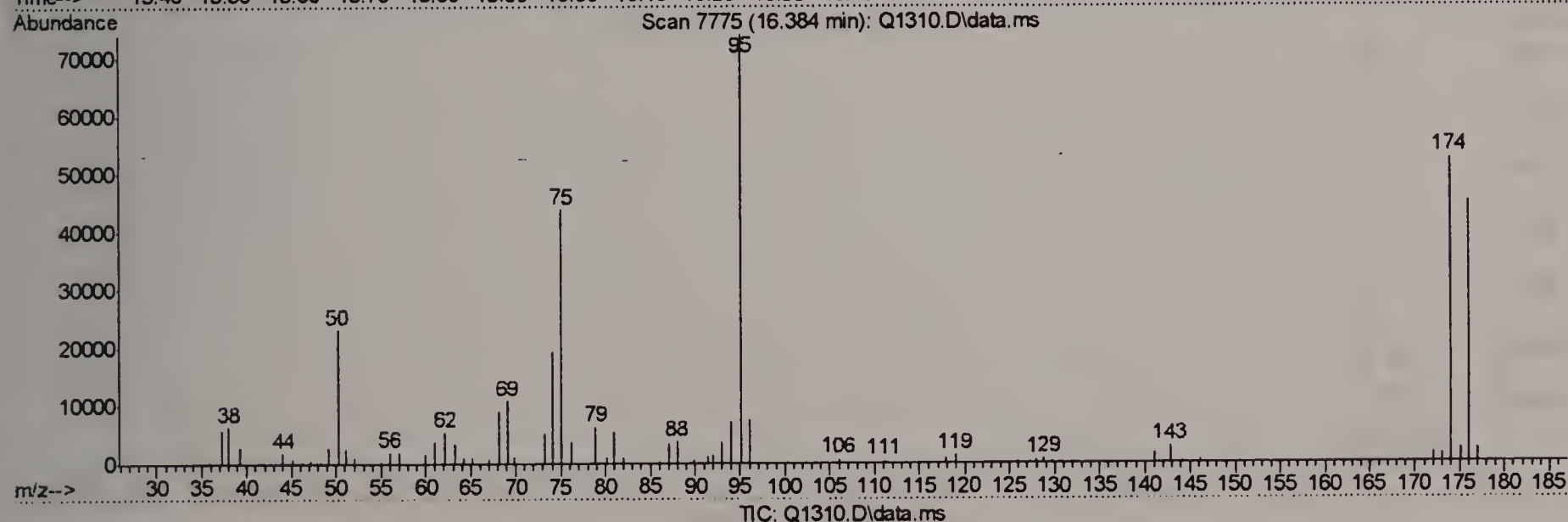
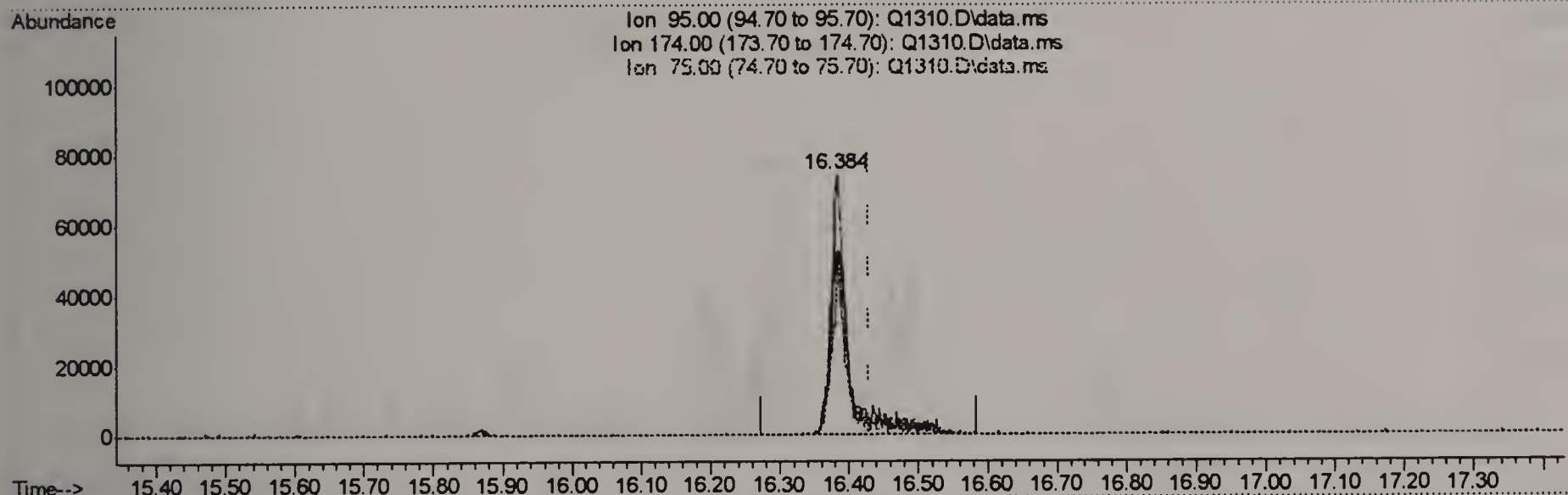
response 109420

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	76.95
75.00	52.30	62.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:50:17 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



TIC: Q1310.D\data.ms

(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 4.02PPBV m

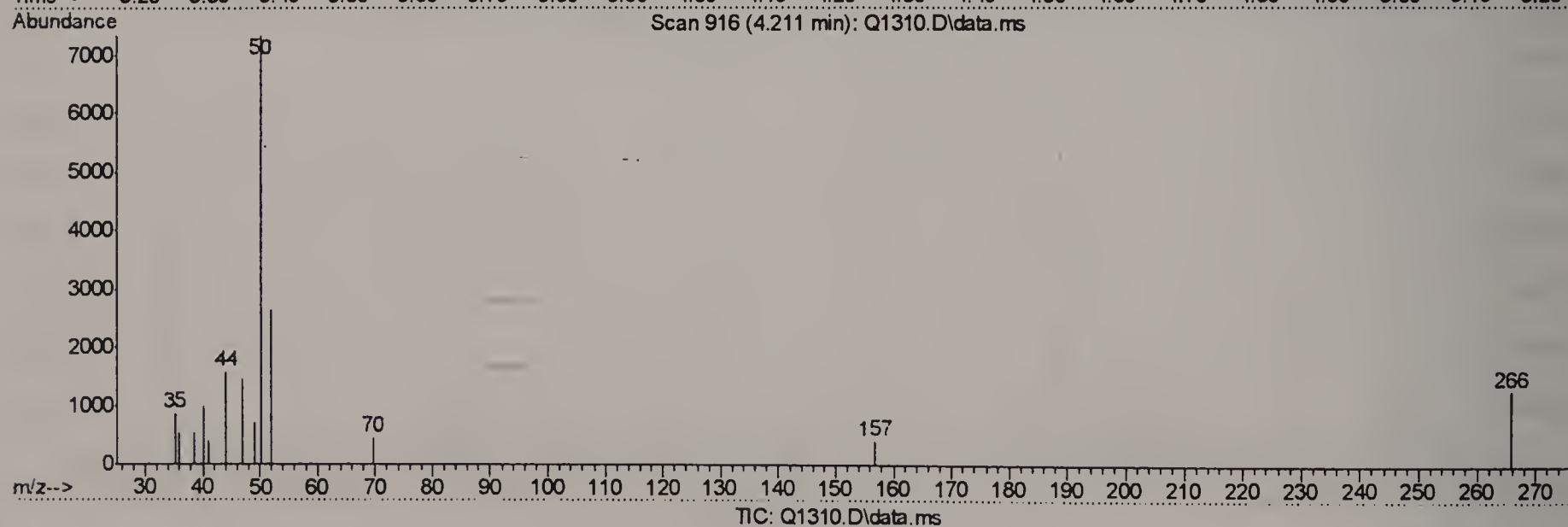
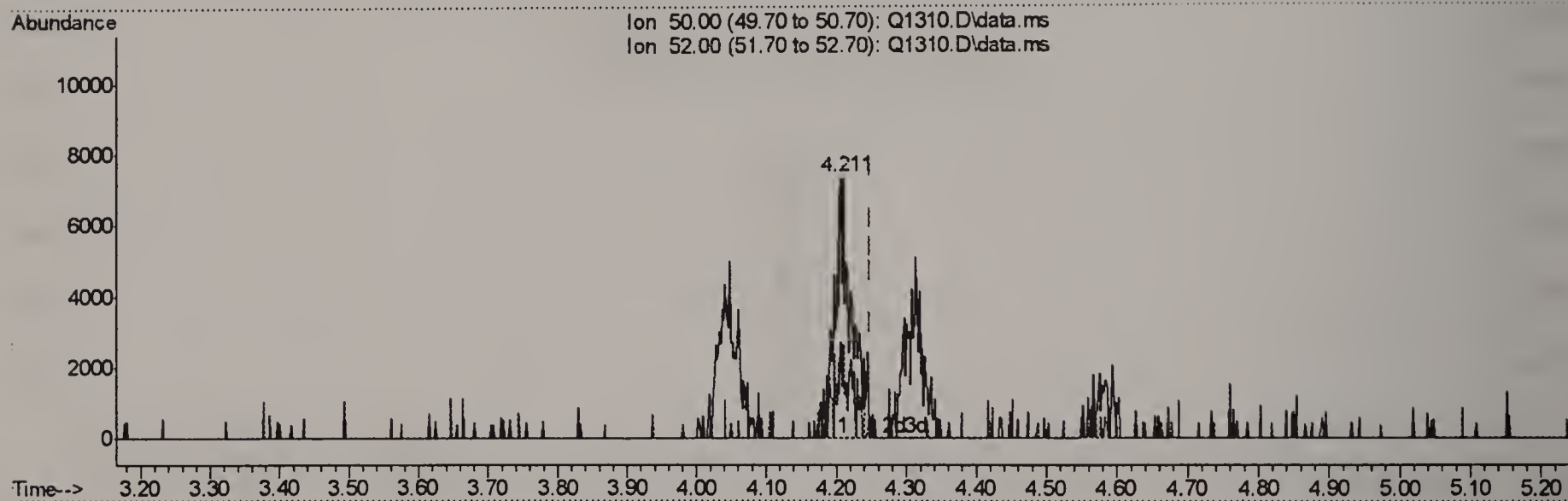
response 130143

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	64.70
75.00	52.30	52.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:52:14 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.30PPBV

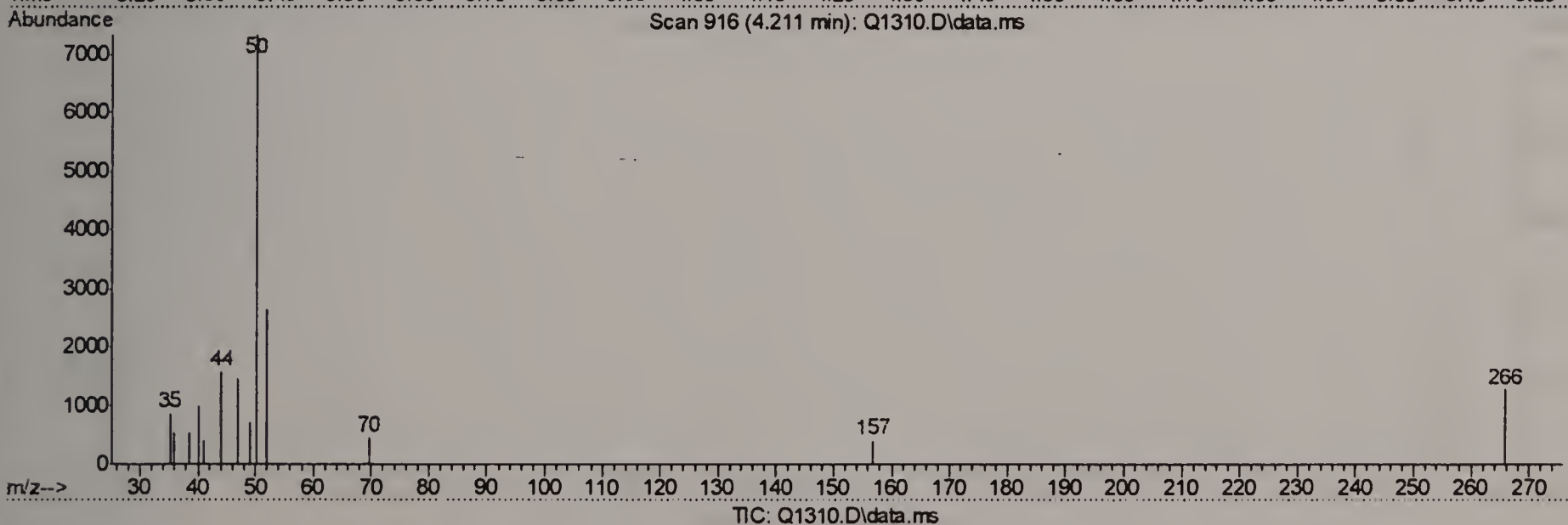
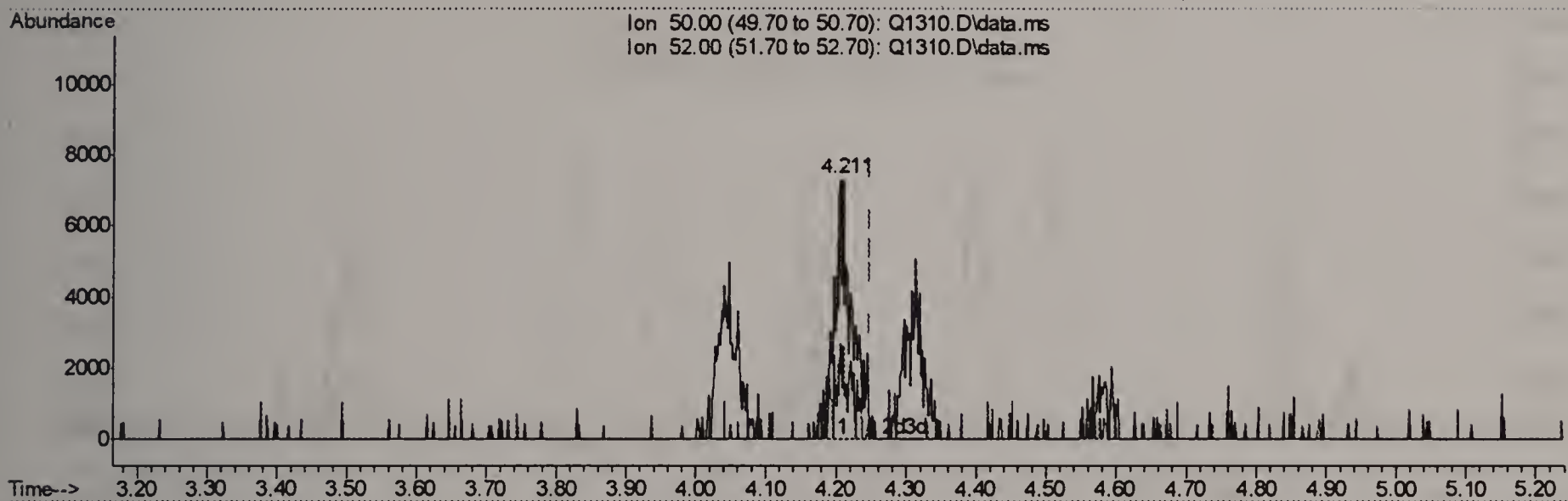
response 12130

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	38.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:52:14 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.30PPBV m

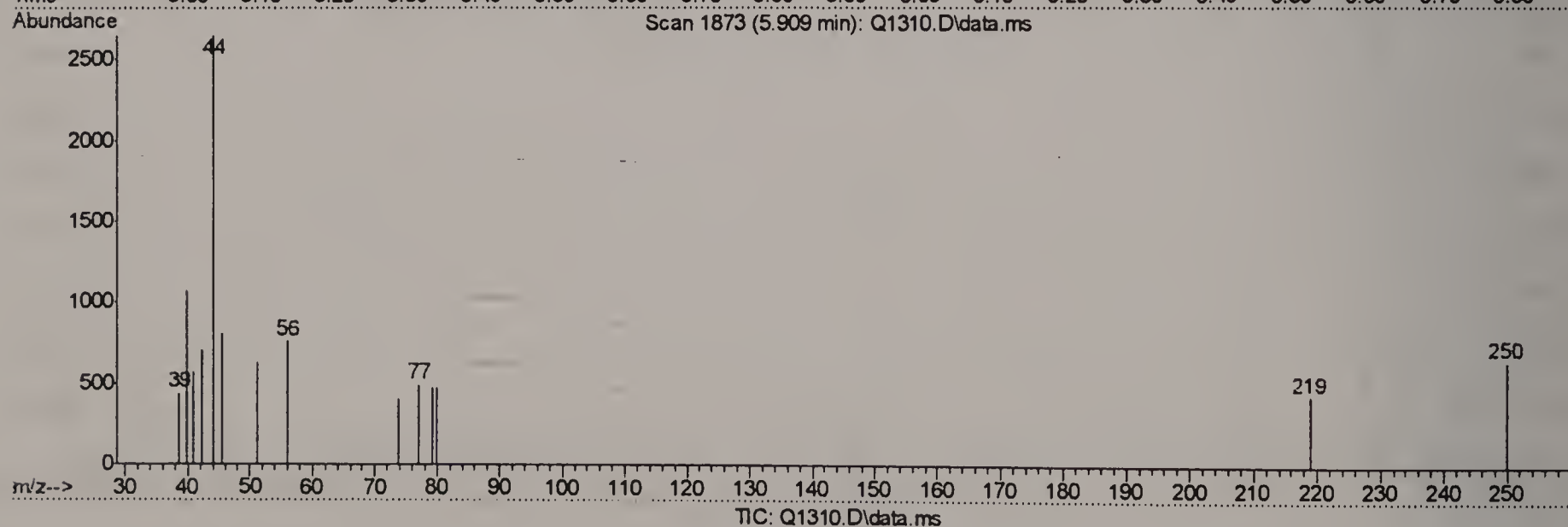
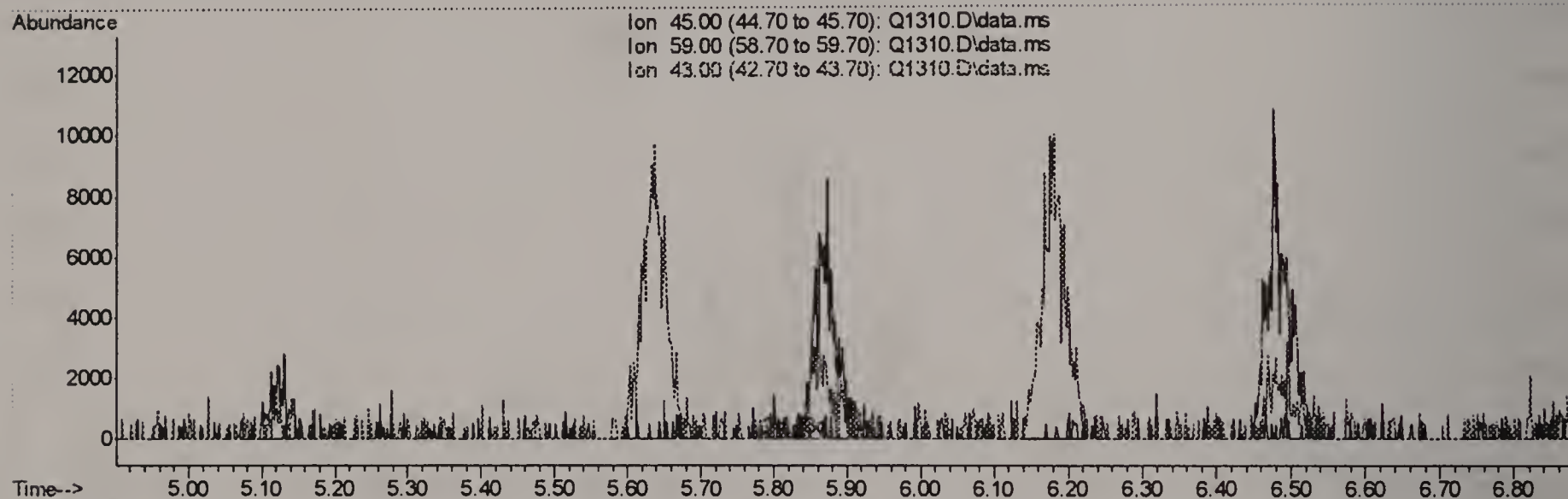
response 12057

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	36.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.910min 0.00PPBV d

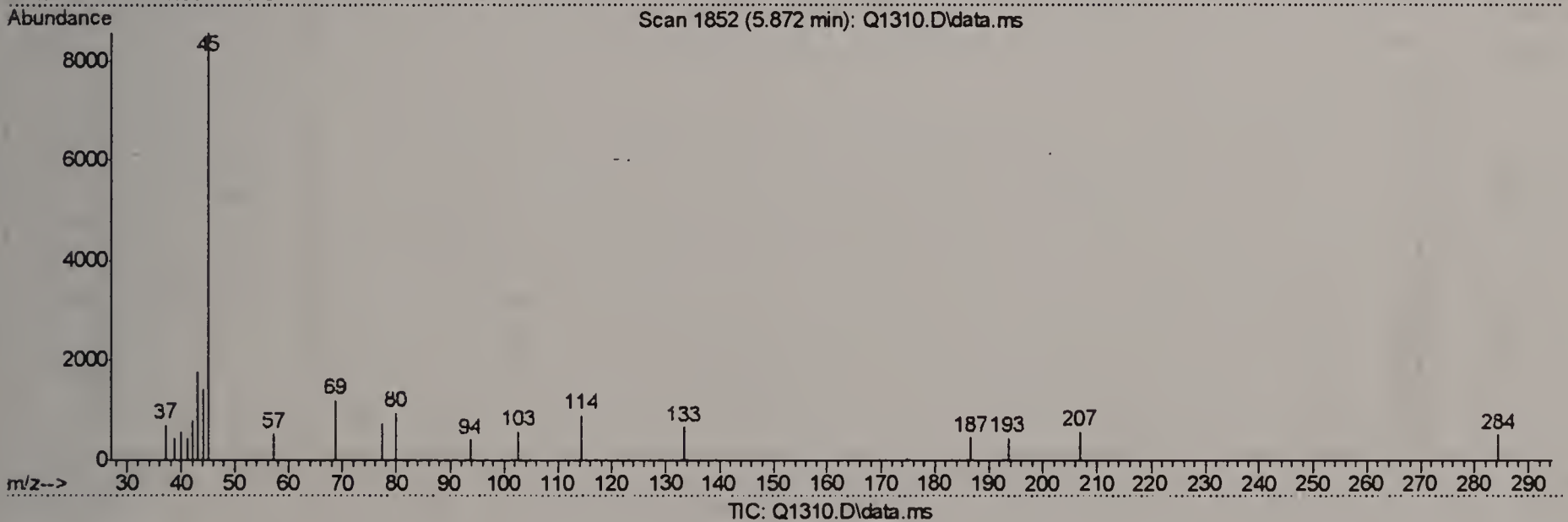
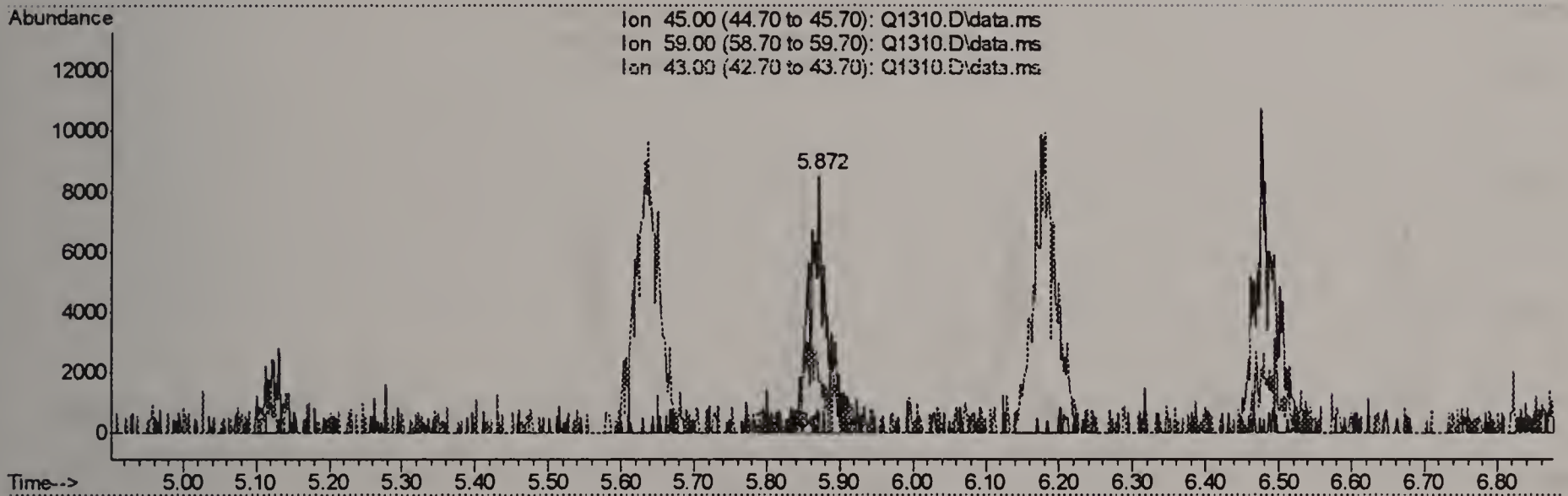
response 0

Ion	Exp%	Act%
45.00	100	0.00
59.00	3.50	0.00
43.00	21.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(11) ISOPROPYL ALCOHOL (m)

5.872min (-0.038) 0.28PPBV m

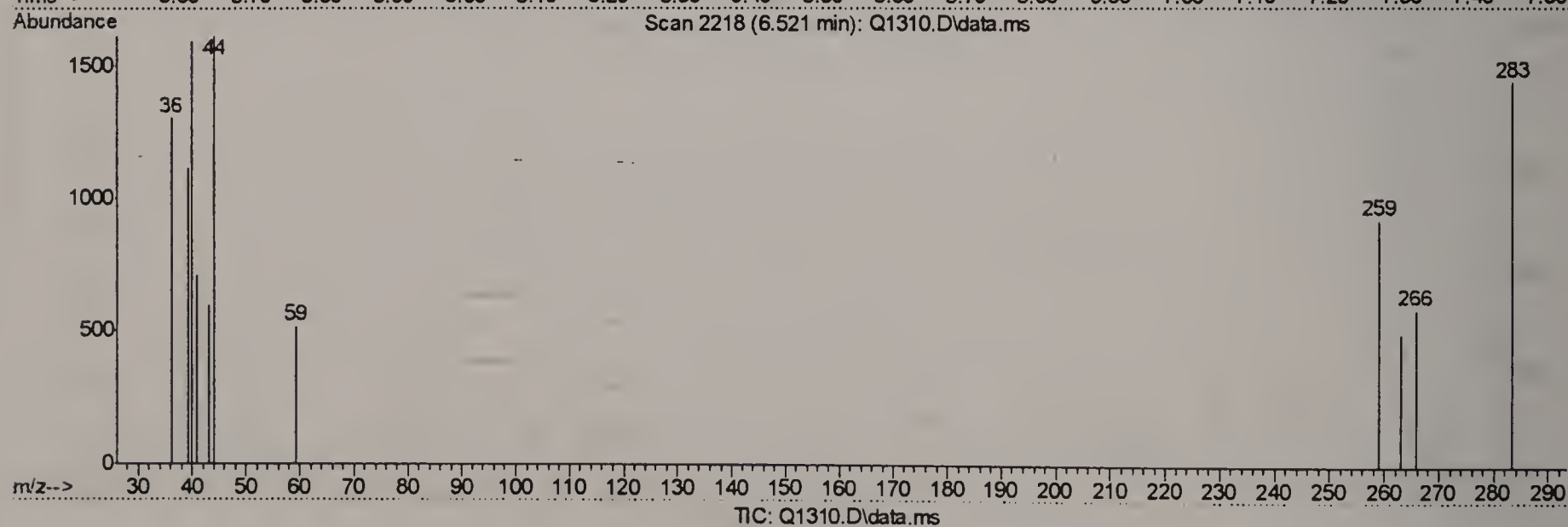
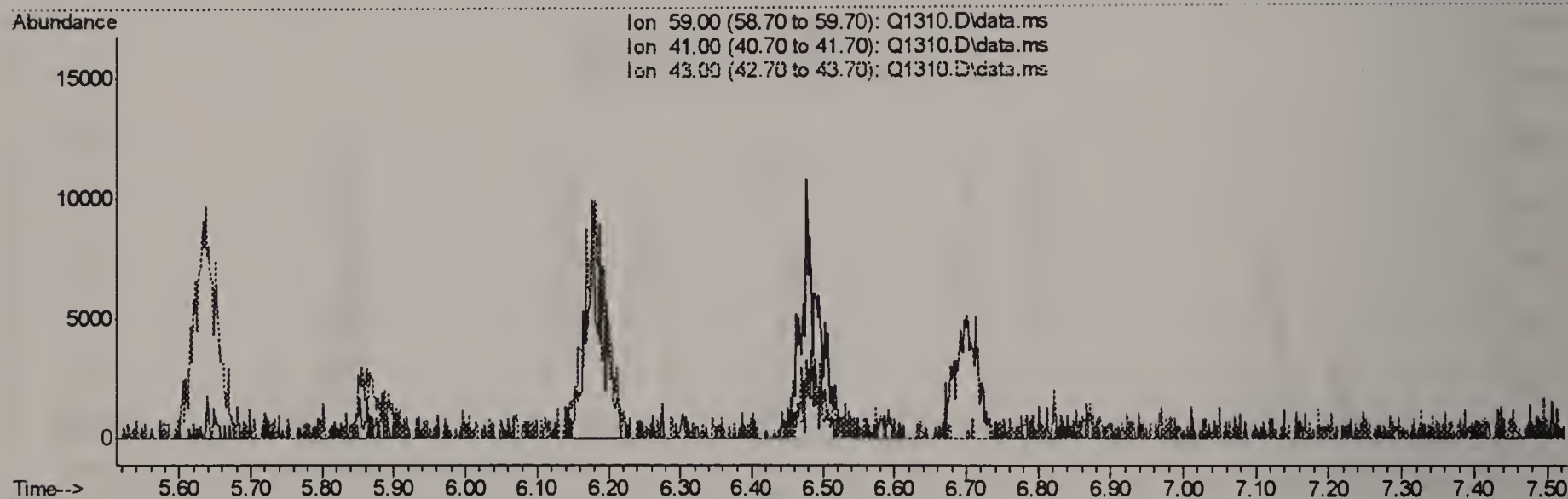
response 12972

Ion	Exp%	Act%
45.00	100	100
59.00	3.50	0.00
43.00	21.60	20.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.521min 0.00PPBV d

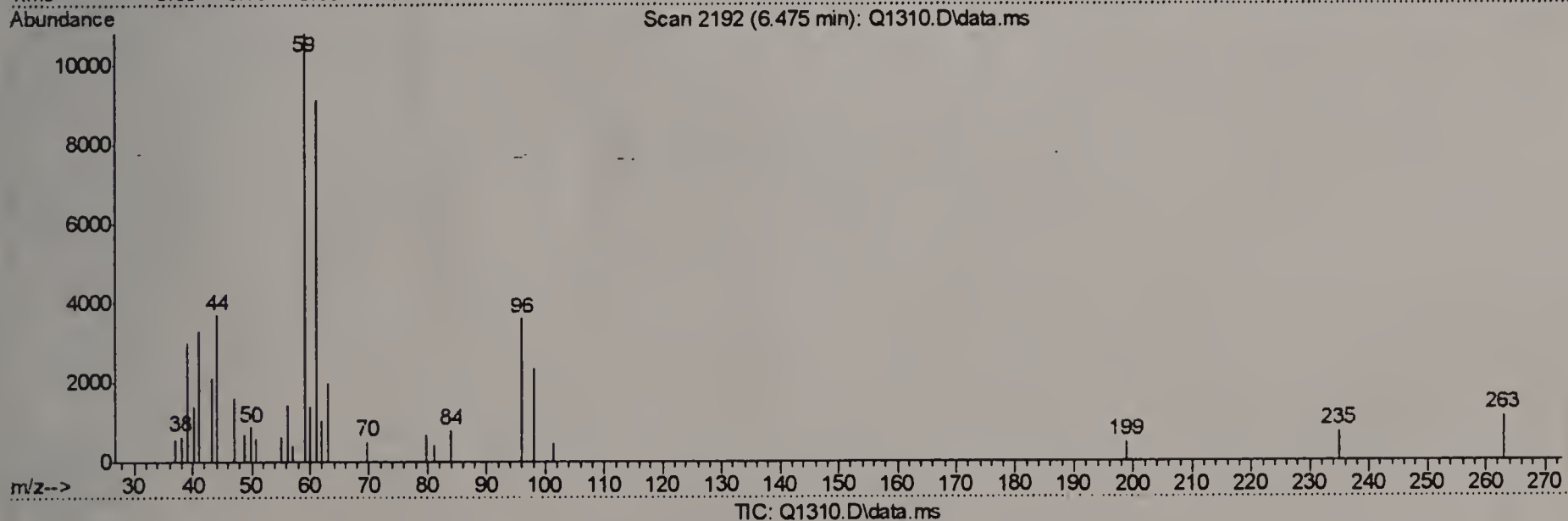
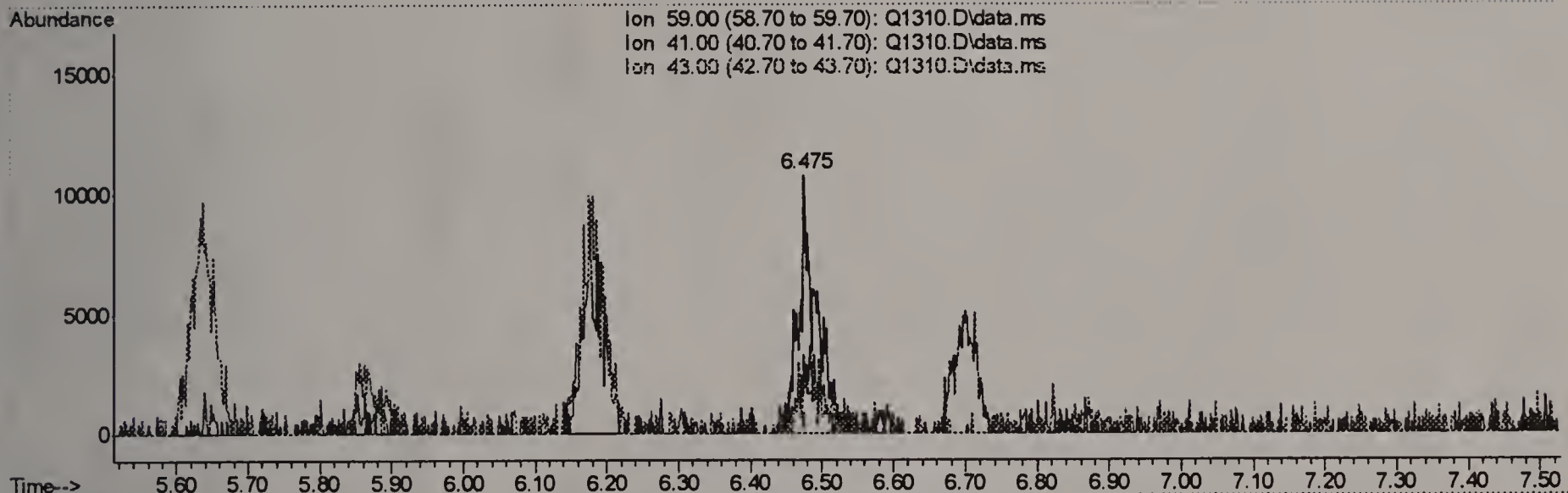
response 0

Ion	Exp%	Act%
59.00	100	0.00
41.00	22.60	0.00
43.00	16.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:53:00 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(22) TERTIARY BUTYL ALCOHOL (m)

6.475min (-0.046) 0.31PPBV m

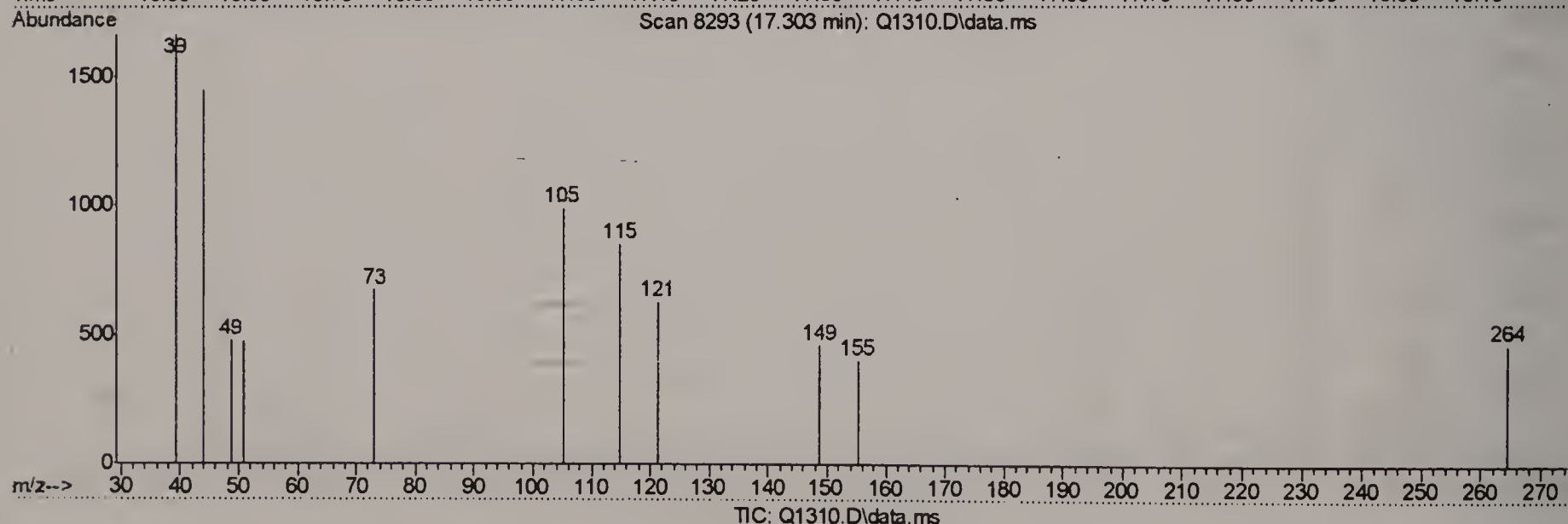
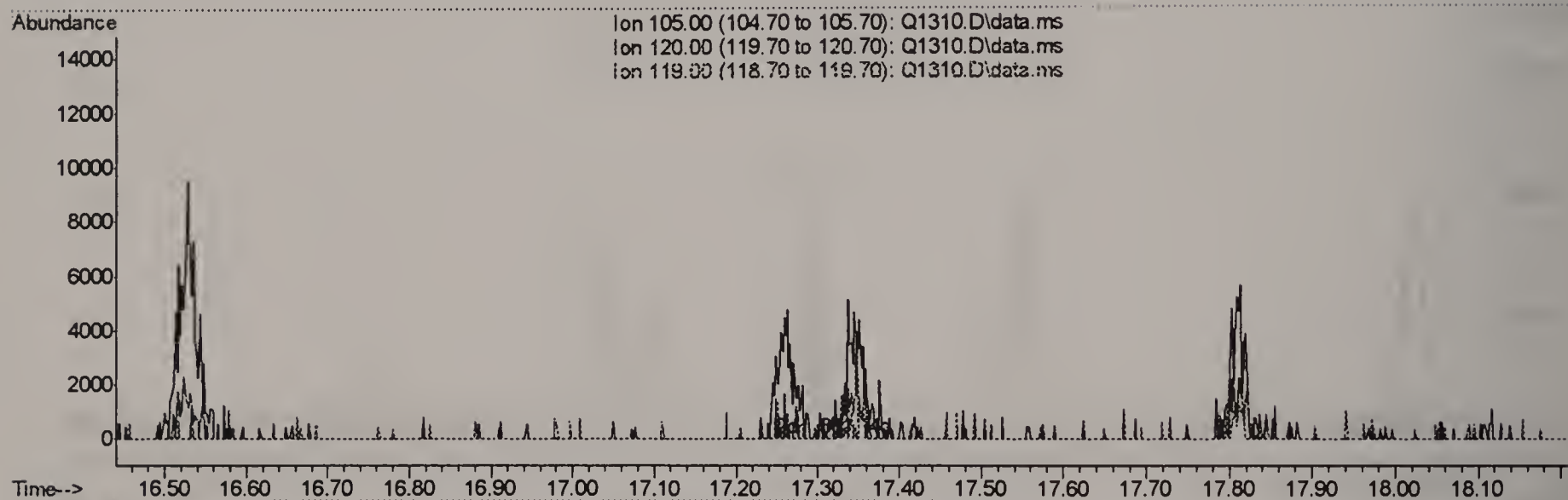
response 17306

Ion	Exp%	Act%
59.00	100	100
41.00	22.60	0.00#
43.00	16.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(65) 4-ETHYLTOLUENE (m)

17.304min 0.00PPBV d

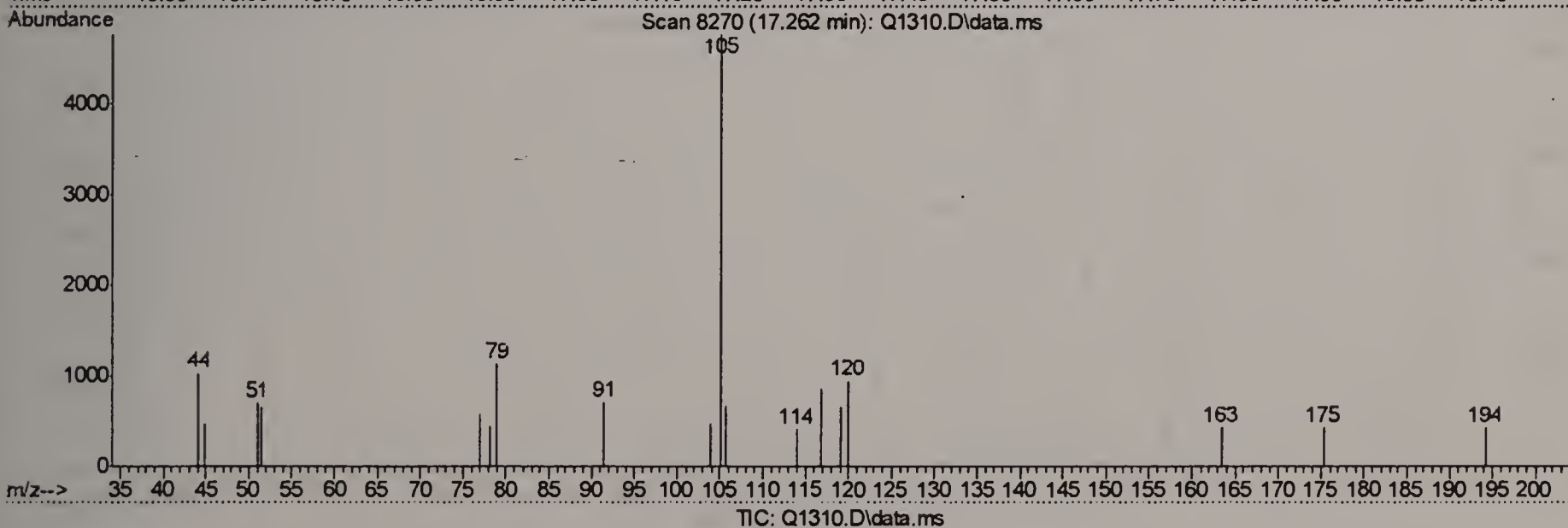
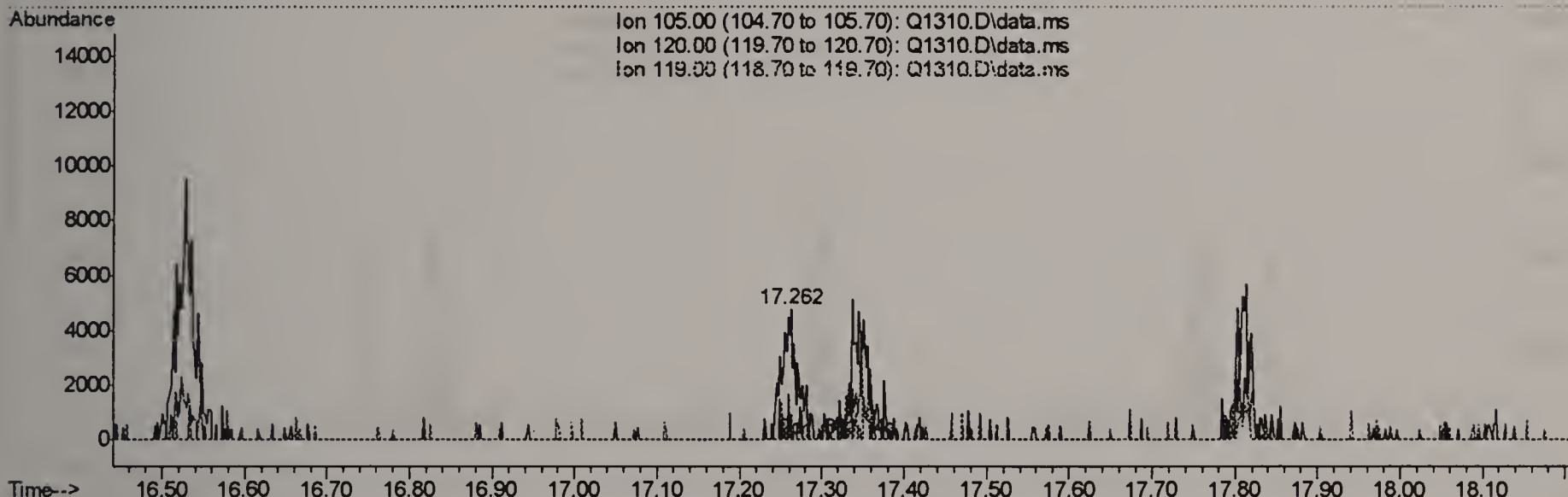
response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	27.80	0.00
119.00	1.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(65) 4-ETHYLTOLUENE (m)

17.262min (-0.042) 0.09PPBV m

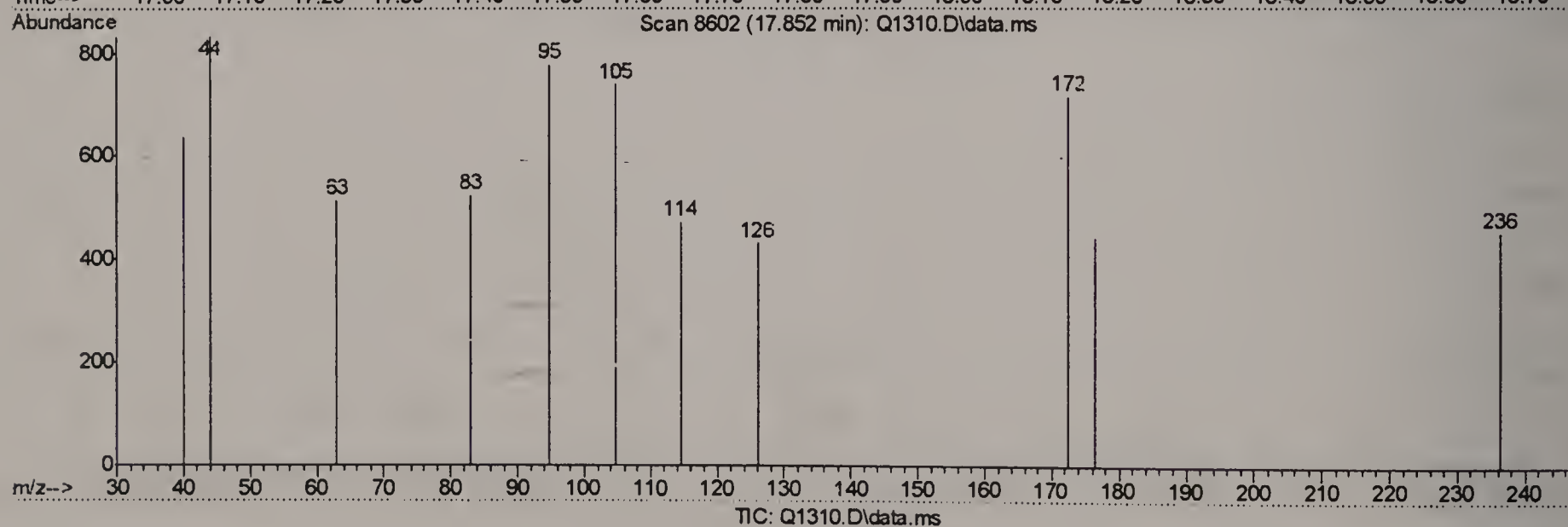
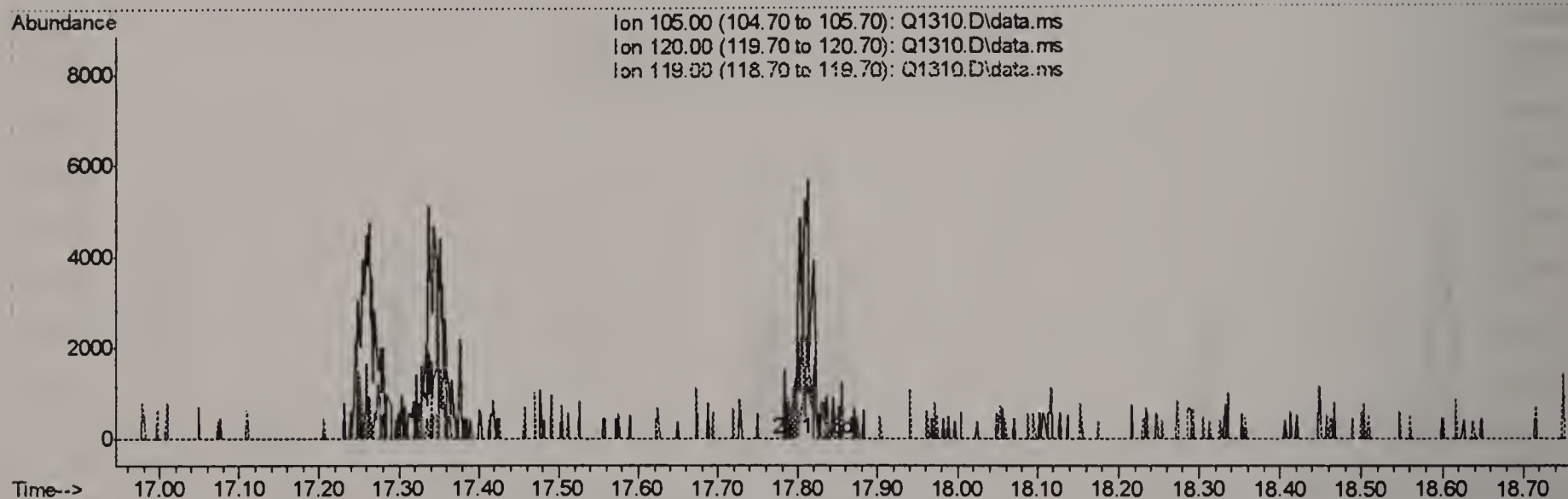
response 6436

Ion	Exp%	Act%
105.00	100	100
120.00	27.80	0.00#
119.00	1.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.851min 0.00PPBV d

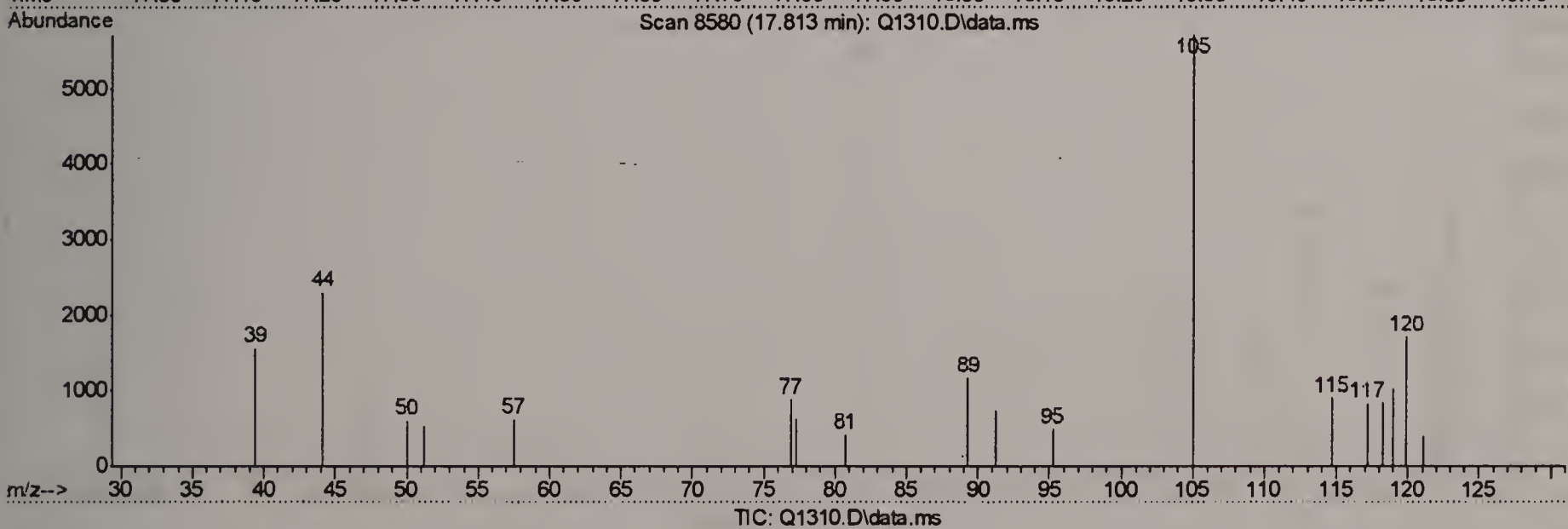
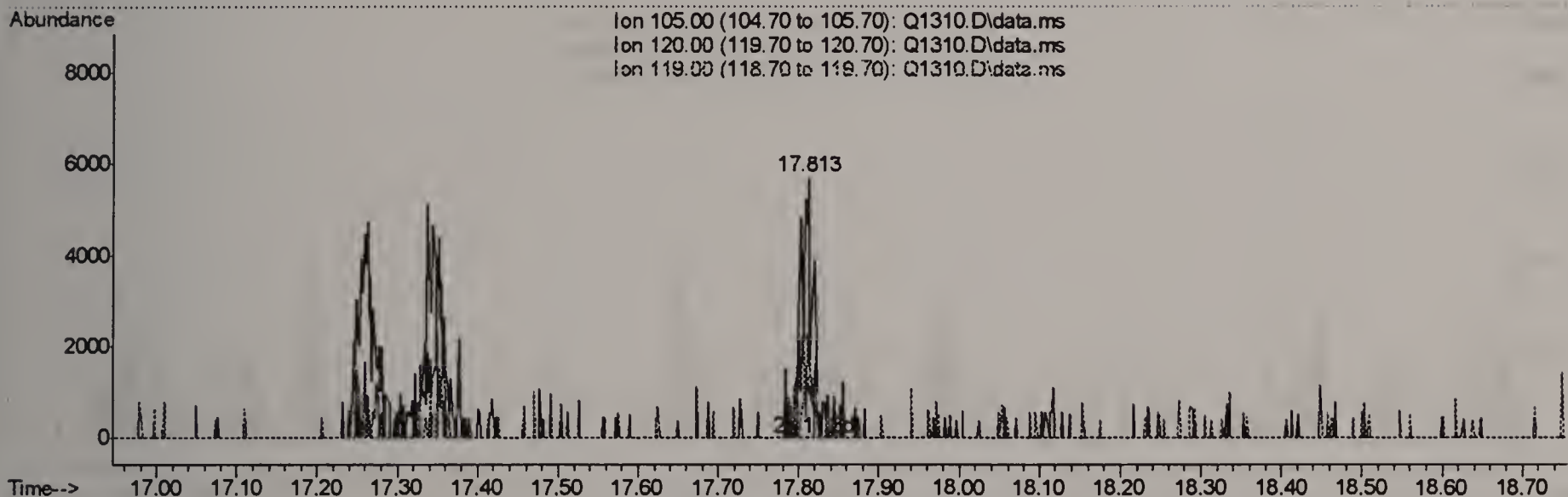
response 0

Ion	Exp%	Act%
105.00	100	0.00
120.00	42.70	0.00
119.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(67) 1,2,4-TRIMETHYLBENZENE (m)

17.813min (-0.038) 0.09PPBV m

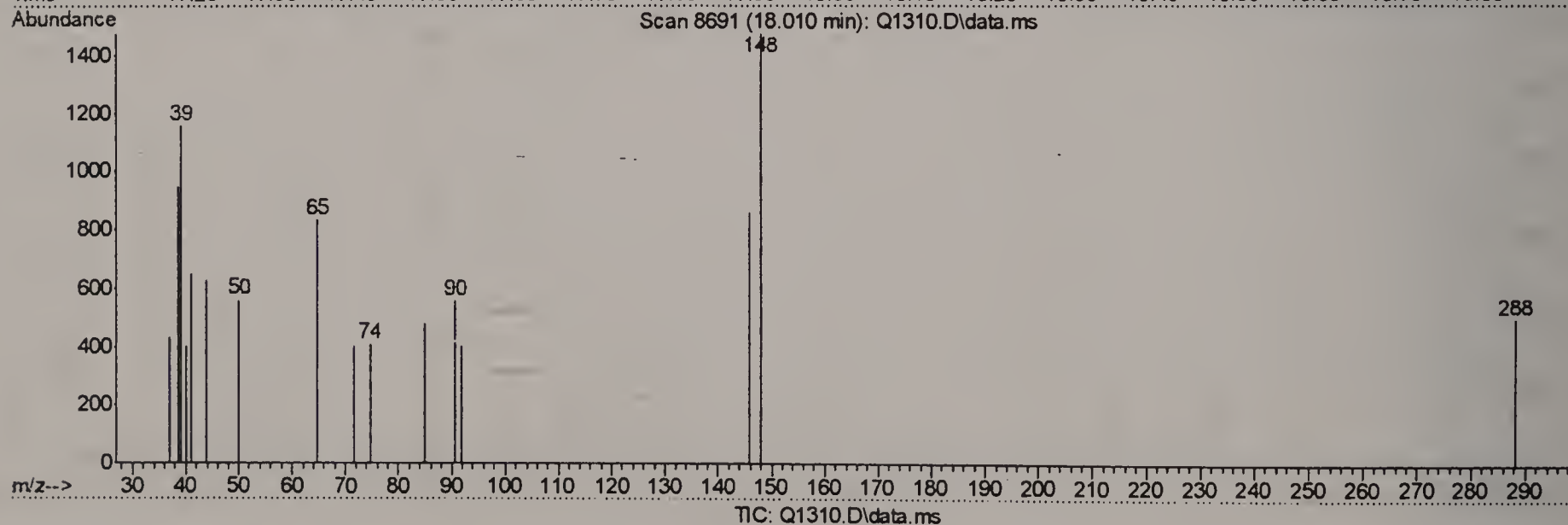
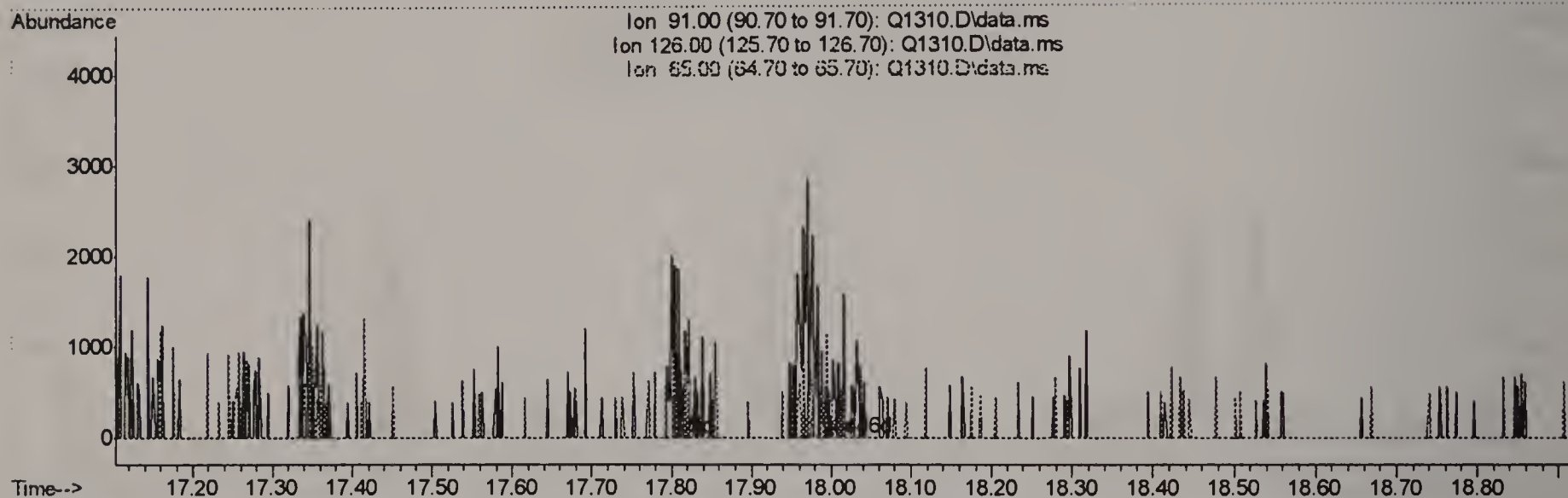
response 6735

Ion	Exp%	Act%
105.00	100	100
120.00	42.70	0.00#
119.00	10.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

18.009min 0.00PPBV d

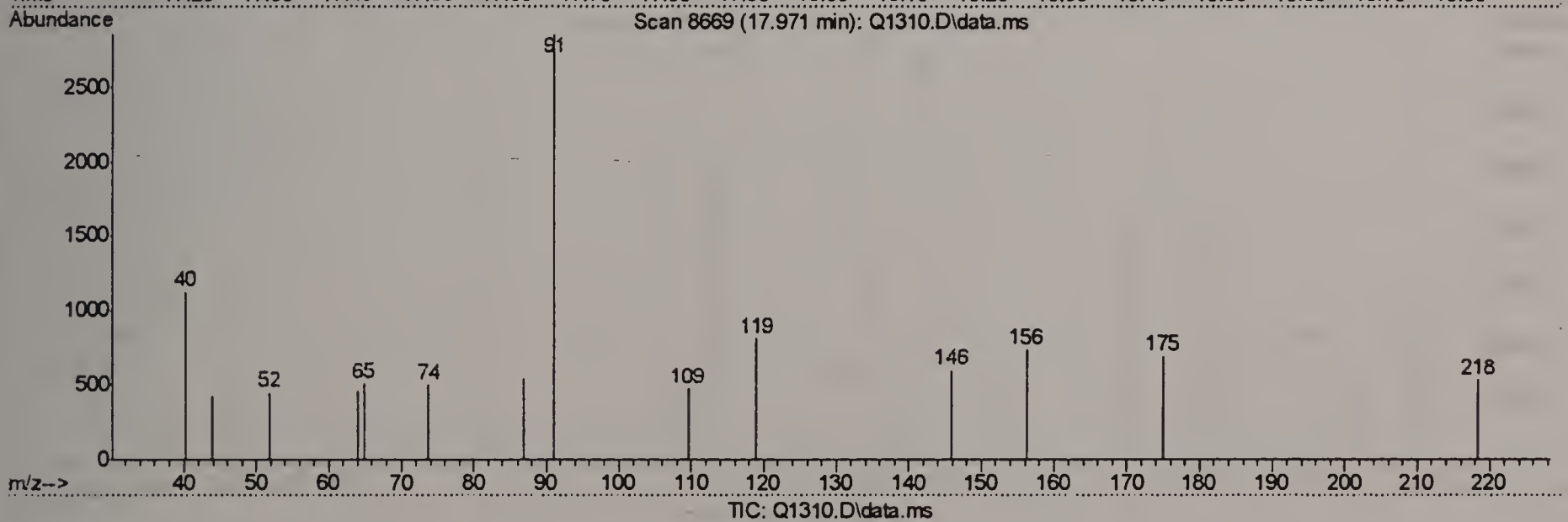
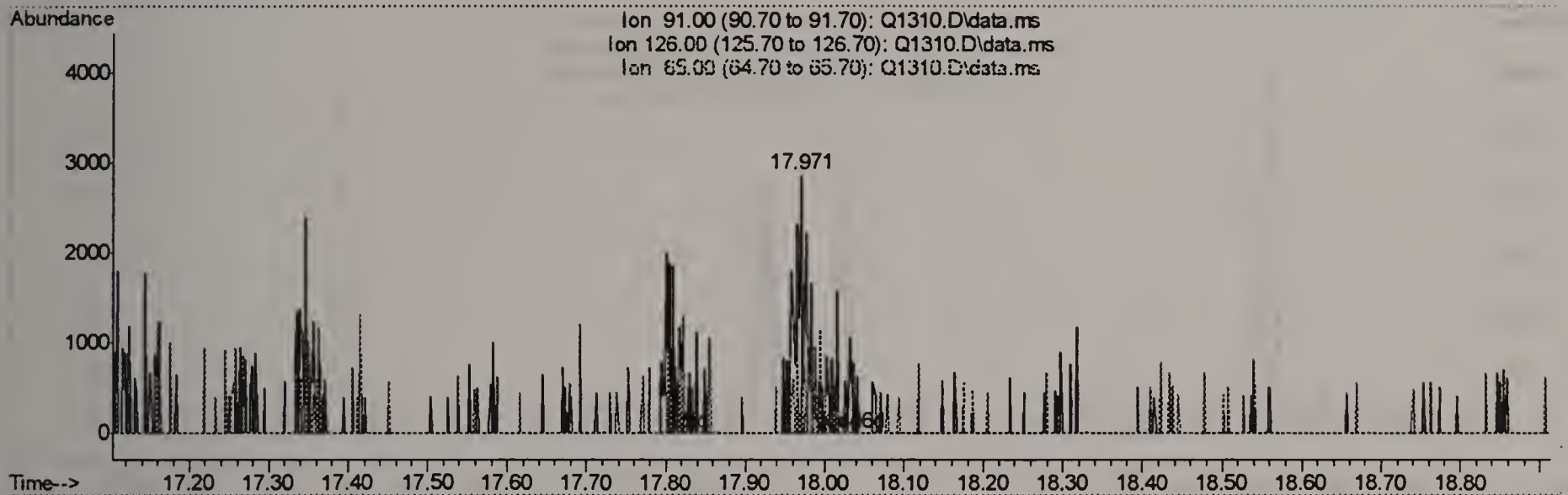
response 0

Ion	Exp%	Act%
91.00	100	0.00
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:54:57 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(69) BENZYL CHLORIDE (m)

17.971min (-0.038) 0.11PPBV m

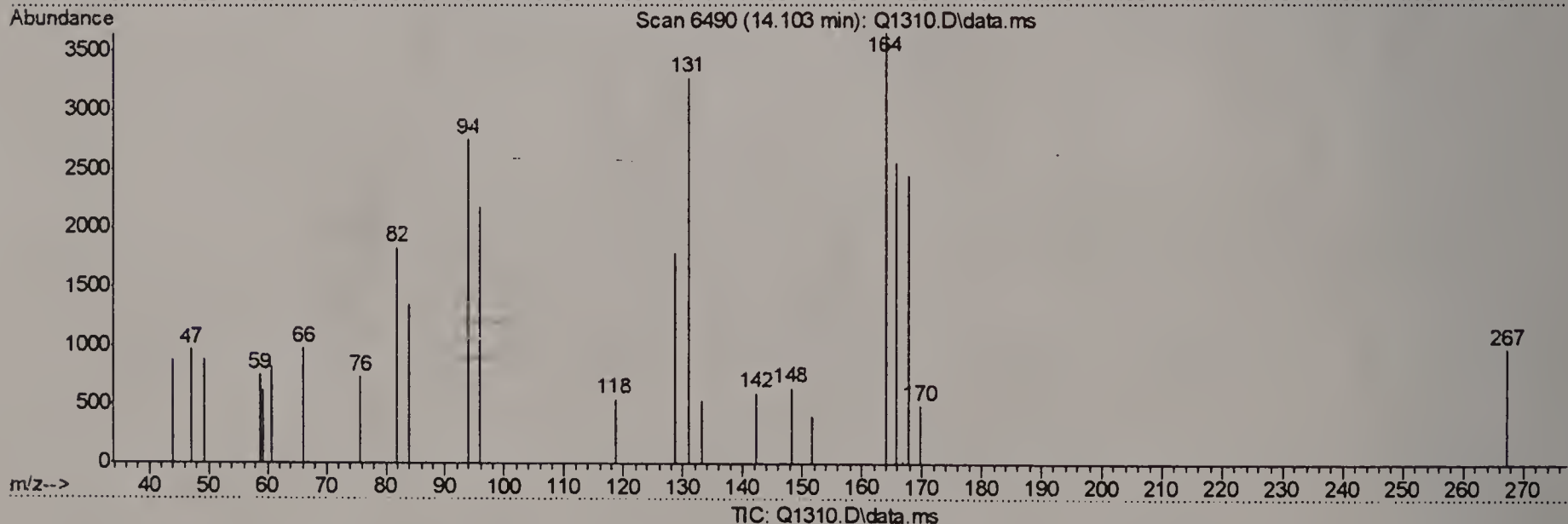
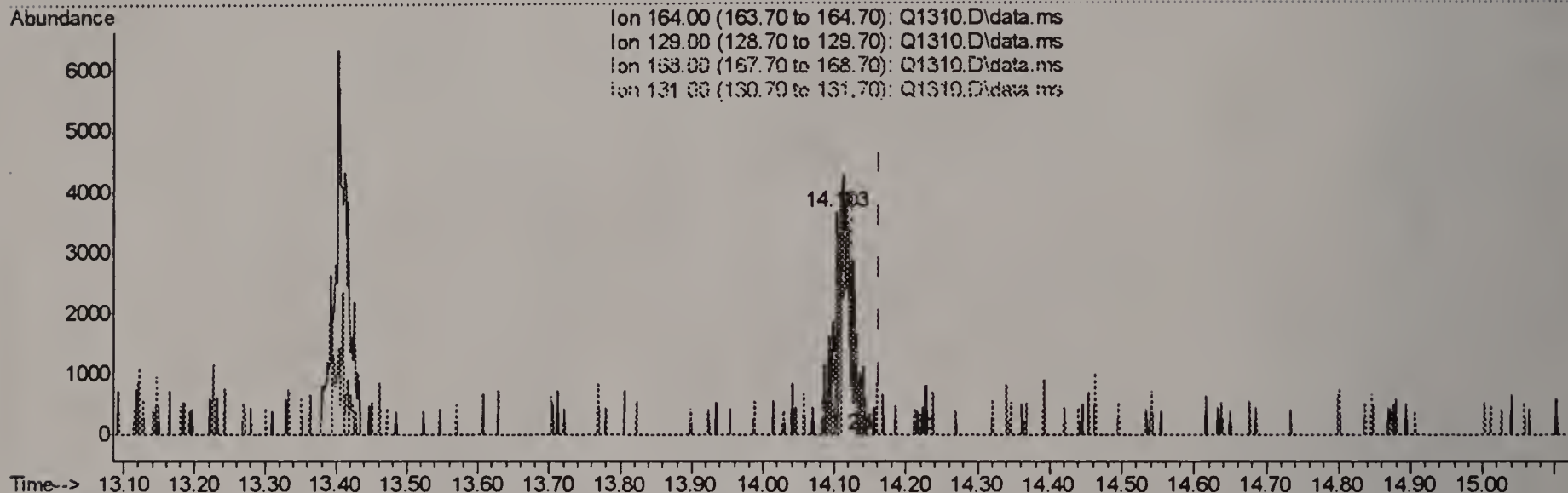
response 3699

Ion	Exp%	Act%
91.00	100	100
126.00	16.30	0.00
65.00	14.40	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:56:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.103min (-0.060) 0.07PPBV

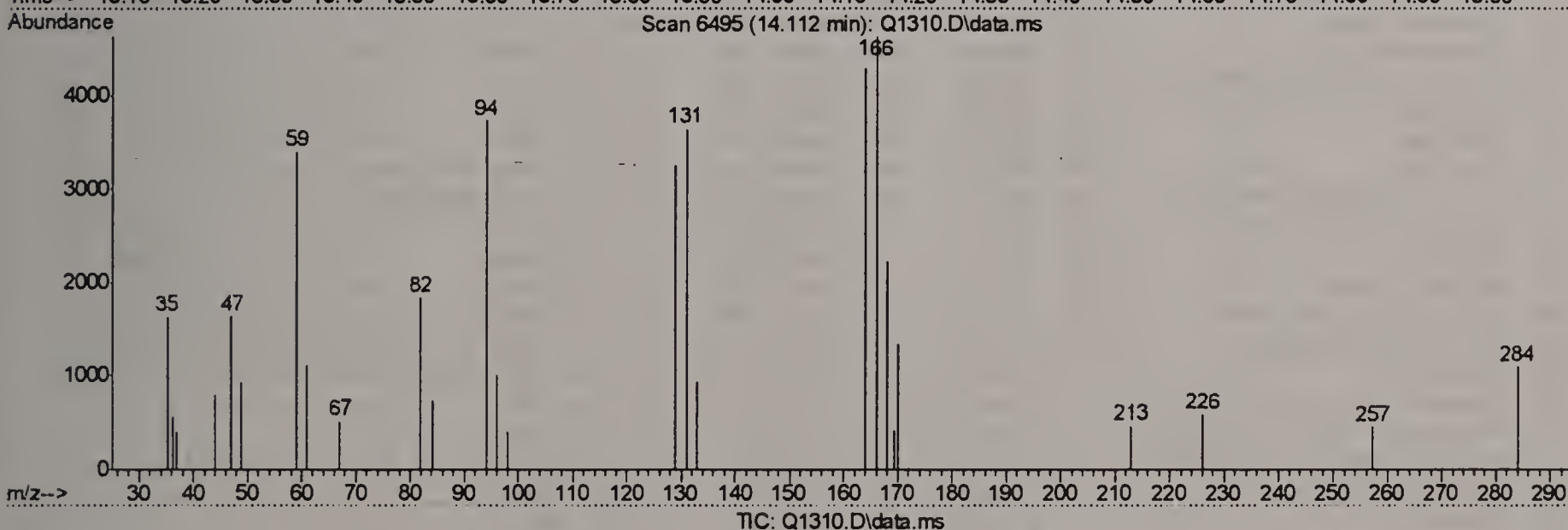
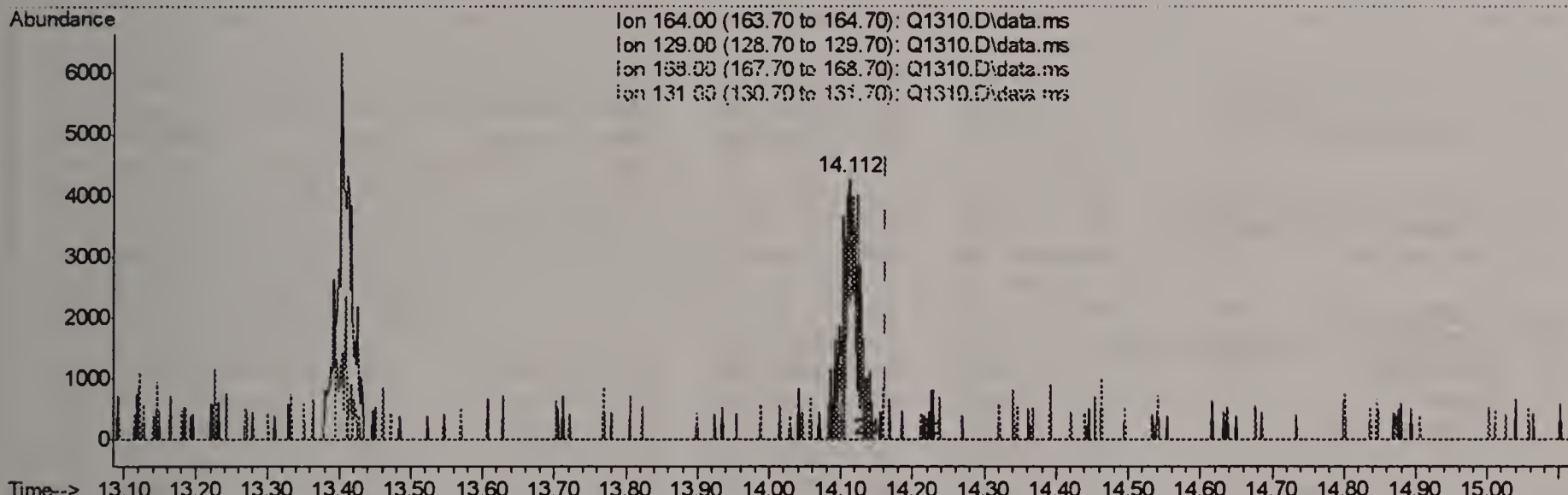
response 2225

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	239.19#
168.00	62.70	178.25#
131.00	95.20	120.09#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1310.D
 Acq On : 7 Aug 2006 5:39 pm
 Operator : PhilipB
 Sample : IC68-.2 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:56:47 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:50:11 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.112min (-0.051) 0.17PPBV m

response 5766

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	92.30
168.00	62.70	68.78
131.00	95.20	46.34#

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1311.D
 Acq On : 7 Aug 2006 6:25 pm
 Operator : PhilipB
 Sample : IC68-20 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:49:27 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) BROMOCHLOROMETHANE	8.685	128	600142	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.520	114	1469509	10.00	PPBV	-0.04
49) CHLOROBENZENE-D5	14.767	117	1043305	10.00	PPBV	-0.04

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	292559	5.72	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	114.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.049	85	3847649	14.45	PPBV	99
3) PROPYLENE	3.980	41	598154	13.99	PPBV	92
4) FREON 114	4.314	85	4015052	16.18	PPBV	97
5) CHLOROMETHANE	4.214	50	775768	12.08	PPBV	100
6) VINYL CHLORIDE	4.436	62	979666	13.69	PPBV	98
7) 1,3-BUTADIENE	4.578	39	961208	15.56	PPBV #	80
8) BROMOMETHANE	4.860	94	1034228	14.63	PPBV	97
9) CHLOROETHANE	5.036	64	468012	14.51	PPBV	100
10) TRICHLOROFLUOROMETHANE	5.826	101	5133961	16.54	PPBV	98
11) ISOPROPYL ALCOHOL	5.875	45	356635	4.46	PPBV	80
12) ACETONE	5.623	43	1843203	17.50	PPBV	88
13) PENTANE	6.188	42	1053221	15.55	PPBV #	81
14) 1,1-DICHLOROETHYLENE	6.470	96	986817	15.13	PPBV	90
15) CARBON DISULFIDE	6.903	76	3032052	16.65	PPBV	89
16) ETHANOL	5.126	45	346650	14.99	PPBV	72
17) BROMOETHENE	5.398	106	925791	16.44	PPBV #	90
18) METHYLENE CHLORIDE	6.582	84	927899	12.11	PPBV	86
19) 3-CHLOROPROPENE	6.702	39	1625270	18.16	PPBV #	69
20) FREON 113	6.843	151	3042940	19.66	PPBV #	79
21) TRANS-1,2-DICHLOROETHY...	7.515	96	1117182	16.56	PPBV	95
22) TERTIARY BUTYL ALCOHOL	6.481	59	279373	2.82	PPBV	90
23) METHYL TERTIARY BUTYL ...	7.755	73	3430289	21.27	PPBV	92
24) TETRAHYDROFURAN	9.192	42	816378	22.23	PPBV	80
25) HEXANE	8.719	57	1960360	18.46	PPBV	89
26) VINYL ACETATE	7.837	43	3461462	21.79	PPBV	98
27) 1,1-DICHLOROETHANE	7.711	63	2571988	17.46	PPBV	95
28) METHYL ETHYL KETONE	8.081	43	2551734	19.46	PPBV	96
29) cis-1,2-DICHLOROETHYLENE	8.522	96	1376346	18.34	PPBV	89
30) ETHYL ACETATE	8.717	43	4520142	19.90	PPBV	99
31) CHLOROFORM	8.806	83	3667847	19.40	PPBV	96
32) 1,1,1-TRICHLOROETHANE	9.764	97	2543929	20.51	PPBV	97
33) CARBON TETRACHLORIDE	10.346	117	3029340	21.30	PPBV	98
34) 1,2-DICHLOROETHANE	9.521	62	1462088	20.14	PPBV	97
36) BENZENE	10.206	78	2587156	20.75	PPBV	93
37) CYCLOHEXANE	10.472	84	1026255	17.27	PPBV #	70
38) TRICHLOROETHYLENE	11.207	95	1382065	22.59	PPBV	93
39) 1,2-DICHLOROPROPANE	10.983	63	910460	20.53	PPBV	89
40) BROMODICHLOROMETHANE	11.166	83	2029663	21.59	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.228	57	4649298	20.23	PPBV	99
42) 1,4-DIOXANE	11.189	88	424714	22.98	PPBV #	83
43) HEPTANE	11.464	43	1653577	22.09	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1311.D
 Acq On : 7 Aug 2006 6:25 pm
 Operator : PhilipB
 Sample : IC68-20 (M140)
 Misc : MS11916,MSQ68,,,,,1
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 07 18:49:55 2006
 Quant Method : C:\msdchem\1\METHODS\Q080306T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Mon Aug 07 18:49:27 2006
 Response via : Initial Calibration

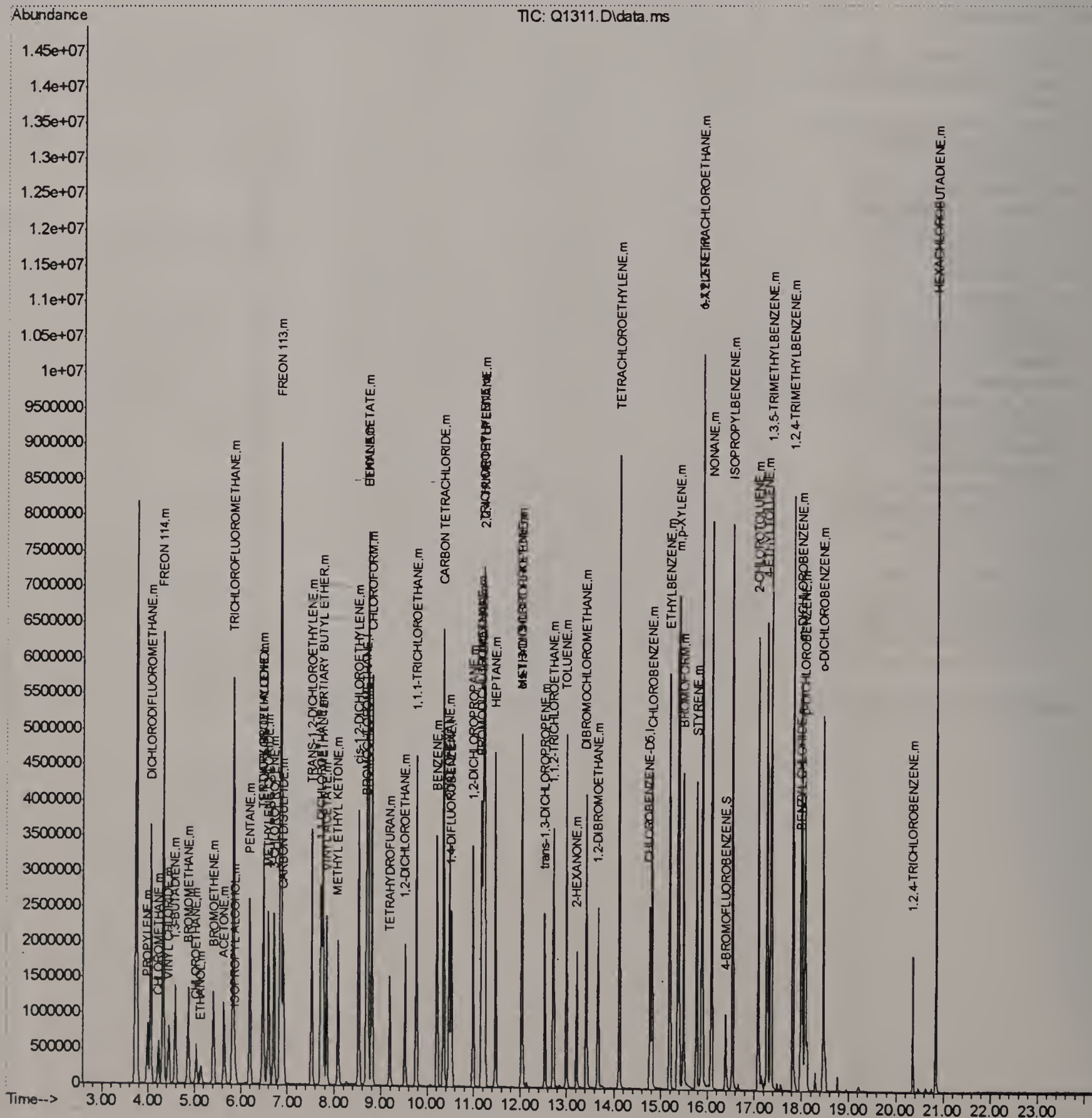
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) METHYL ISOBUTYL KETONE	12.037	43	1941742	22.48	PPBV	96
45) cis-1,3-DICHLOROPROPENE	12.021	75	1402670	25.25	PPBV	94
46) TOLUENE	12.985	92	1720048	26.07	PPBV	96
47) trans-1,3-DICHLOROPROPENE	12.522	75	1008419	27.55	PPBV	99
48) 1,1,2-TRICHLOROETHANE	12.707	83	804840	21.96	PPBV	96
50) 2-HEXANONE	13.203	43	1231268	18.14	PPBV	95
51) TETRACHLOROETHYLENE	14.117	164	1474084	28.92	PPBV #	83
52) DIBROMOCHLOROMETHANE	13.413	129	1545709	23.34	PPBV	99
53) 1,2-DIBROMOETHANE	13.661	107	1271621	23.23	PPBV	98
54) CHLOROBENZENE	14.811	112	1725459	21.01	PPBV	94
55) ETHYLBENZENE	15.189	91	3536516	26.27	PPBV	98
56) m,p-XYLENE	15.386	106	2538312	49.88	PPBV #	89
57) o-XYLENE	15.885	106	1308033	25.85	PPBV	89
58) STYRENE	15.764	104	1680575	30.20	PPBV	95
59) NONANE	16.084	43	2741030	24.17	PPBV	92
60) BROMOFORM	15.488	173	1730542	31.96	PPBV	97
62) 1,1,2,2-TETRACHLOROETHANE	15.873	83	2114988	23.70	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	4205316	26.72	PPBV	95
64) 2-CHLOROTOLUENE	17.076	91	3000973	27.51	PPBV	97
65) 4-ETHYLTOLUENE	17.264	105	3296440	31.94	PPBV	95
66) 1,3,5-TRIMETHYLBENZENE	17.349	105	3725436	30.82	PPBV	95
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	3471298	33.90	PPBV	95
68) m-DICHLOROBENZENE	17.995	146	1757623	32.23	PPBV	95
69) BENZYL CHLORIDE	17.972	91	1633333	36.00	PPBV	99
70) p-DICHLOROBENZENE	18.070	146	1664938	29.16	PPBV	97
71) o-DICHLOROBENZENE	18.453	146	1683509	29.70	PPBV	96
72) HEXACHLOROBUTADIENE	20.844	225	1472489	27.36	PPBV	99
73) 1,2,4-TRICHLOROBENZENE	20.354	180	391247	28.24	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

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Data Path : C:\msdchem\1\DATA\  
Data File : Q1311.D  
Acq On    : 7 Aug 2006      6:25 pm  
Operator   : PhilipB\  
Sample     : IC68-20 (M140)  
Misc      : MS11916,MSQ68,,,,,1  
ALS Vial   : 2      Sample Multiplier: 1
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Quant Time: Aug 07 18:49:55 2006
Quant Method : C:\msdchem\1\METHODS\Q080306T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Mon Aug 07 18:49:27 2006
Response via : Initial Calibration



Sample: MSQ69-ICV
Lab FileID: Q1323.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q1323.D
Acq On : 8 Aug 2006 9:03 am
Sample : ICV (D011)
Misc : MS11934,MSQ69,,,,,1
MS Integration Params: LSCINT.P

Vial: 3
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
Last Update : Tue Aug 08 09:26:45 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

Compound		AvgRF	CCRF	%Dev Area%		Dev (min)	RT Window
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	-0.05	8.48- 8.89
2 m	DICHLORODIFLUOROMETHAN	4.192	4.006	4.4	111	-0.04	3.84- 4.25
3 m	PROPYLENE	0.669	0.721	-7.8	120	-0.03	3.77- 4.18
4 m	FREON 114	3.977	3.887	2.3	109	-0.04	4.10- 4.52
5 m	CHLOROMETHANE	1.058	0.838	20.8	107	-0.04	4.00- 4.41
6 m	VINYL CHLORIDE	1.130	1.016	10.1	107	-0.04	4.23- 4.64
7 m	1,3-BUTADIENE	0.984	0.980	0.4	108	-0.04	4.37- 4.78
8 m	BROMOMETHANE	1.115	1.046	6.2	104	-0.04	4.65- 5.06
9 m	CHLOROETHANE	0.506	0.470	7.1	105	-0.04	4.83- 5.24
10 m	TRICHLOROFLUOROMETHANE	4.994	4.785	4.2	104	-0.05	5.62- 6.03
----- True Calc. % Drift -----							
11 m	ISOPROPYL ALCOHOL	10.000	10.420	-4.2	100	-0.05	5.62- 6.09
----- AvgRF CCRF % Dev -----							
12 m	ACETONE	1.711	1.804	-5.4	111	-0.04	5.42- 5.83
13 m	PENTANE	1.078	0.992	8.0	100	-0.05	6.02- 6.33
14 m	1,1-DICHLOROETHYLENE	1.043	0.947	9.2	104	-0.05	6.26- 6.67
15 m	CARBON DISULFIDE	2.933	2.745	6.4	101	-0.05	6.69- 7.10
16 m	ETHANOL	0.366	0.355	3.0	106	-0.05	4.89- 5.35
17 m	BROMOETHENE	0.905	0.904	0.1	107	-0.05	5.19- 5.60
18 m	METHYLENE CHLORIDE	1.195	0.854	28.5	100	-0.05	6.43- 6.73
19 m	3-CHLOROPROPENE	1.464	1.450	1.0	103	-0.05	6.49- 6.90
20 m	FREON 113	2.571	2.627	-2.2	106	-0.05	6.63- 7.05
21 m	TRANS-1,2-DICHLOROETHY	1.090	0.989	9.3	101	-0.05	7.31- 7.72
22 m	TERTIARY BUTYL ALCOHOL	1.746	0.816	53.3#	81	-0.05	6.21- 6.73
23 m	METHYL TERTIARY BUTYL	2.721	3.129	-15.0	111	-0.04	7.55- 7.96
24 m	TETRAHYDROFURAN	0.626	0.769	-22.8	113	-0.04	9.05- 9.33
25 m	HEXANE	1.743	1.638	6.0	98	-0.05	8.51- 8.92
26 m	VINYL ACETATE	2.694	2.922	-8.5	102	-0.05	7.66- 8.01
27 m	1,1-DICHLOROETHANE	2.401	2.245	6.5	100	-0.05	7.50- 7.91
28 m	METHYL ETHYL KETONE	2.173	2.081	4.2	98	-0.04	7.83- 8.32
29 m	cis-1,2-DICHLOROETHYLE	1.230	1.185	3.7	102	-0.05	8.31- 8.72
30 m	ETHYL ACETATE	3.781	3.681	2.6	99	-0.05	8.50- 8.92
31 m	CHLOROFORM	3.134	3.276	-4.5	103	-0.05	8.60- 9.01
32 m	1,1,1-TRICHLOROETHANE	2.075	2.225	-7.2	107	-0.05	9.55- 9.97
33 m	CARBON TETRACHLORIDE	2.395	2.513	-4.9	105	-0.05	10.14-10.55
34 m	1,2-DICHLOROETHANE	1.202	1.280	-6.5	104	-0.05	9.31- 9.72
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	-0.05	10.31-10.72
36 m	BENZENE	0.855	0.958	-12.0	107	-0.05	10.00-10.41
37 m	CYCLOHEXANE	0.393	0.381	3.1	104	-0.05	10.26-10.67

Initial Calibration Verification

Page 2 of 2

Sample: MSQ69-ICV
Lab FileID: Q1323.D

38 m	TRICHLOROETHYLENE	0.424	0.443	-4.5	104	-0.05	11.04-11.35
39 m	1,2-DICHLOROPROPANE	0.303	0.330	-8.9	110	-0.05	10.77-11.19
40 m	BROMODICHLOROMETHANE	0.650	0.680	-4.6	106	-0.05	11.01-11.32
41 m	2,2,4-TRIMETHYLPENTANE	1.568	1.614	-2.9	103	-0.05	11.02-11.43
42 m	1,4-DIOXANE	0.129	0.139	-7.8	102	-0.04	10.93-11.46
43 m	HEPTANE	0.520	0.558	-7.3	102	-0.05	11.31-11.62
44 m	METHYL ISOBUTYL KETONE	0.602	0.604	-0.3	94	-0.04	11.82-12.25
45 m	cis-1,3-DICHLOROPROPEN	0.398	0.456	-14.6	108	-0.04	11.81-12.22
46 m	TOLUENE	0.476	0.578	-21.4	111	-0.05	12.77-13.18
47 m	trans-1,3-DICHLOROPROP	0.268	0.322	-20.1	105	-0.05	12.36-12.67
48 m	1,1,2-TRICHLOROETHANE	0.253	0.274	-8.3	107	-0.05	12.52-12.88
49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	-0.05	14.61-14.92
50 m	2-HEXANONE	0.639	0.708	-10.8	91	-0.04	13.00-13.40
51 m	TETRACHLOROETHYLENE	0.525	0.629	-19.8	108	-0.05	13.91-14.32
52 m	DIBROMOCHLOROMETHANE	0.656	0.759	-15.7	109	-0.05	13.23-13.59
53 m	1,2-DIBROMOETHANE	0.542	0.623	-14.9	110	-0.05	13.50-13.81
54 m	CHLOROBENZENE	0.795	0.885	-11.3	109	-0.05	14.65-14.96
55 m	ETHYLBENZENE	1.371	1.728	-26.0	106	-0.05	15.01-15.37
56 m	m,p-XYLENE	0.512	0.621	-21.3	106	-0.04	15.20-15.57
57 m	o-XYLENE	0.513	0.625	-21.8	104	-0.05	15.70-16.06
58 m	STYRENE	0.588	0.778	-32.3#	106	-0.04	15.61-15.92
59 m	NONANE	1.132	1.275	-12.6	100	-0.04	15.93-16.24
60 m	BROMOFORM	0.581	0.720	-23.9	108	-0.05	15.33-15.64
61 S	4-BROMOFLUOROBENZENE	0.502	0.465	7.4	73	-0.04	16.23-16.54
62 m	1,1,2,2-TETRACHLOROETH	0.875	0.974	-11.3	99	-0.05	15.71-16.02
63 m	ISOPROPYLBENZENE	1.610	1.933	-20.1	103	-0.04	16.37-16.68
64 m	2-CHLOROTOLUENE	1.124	1.358	-20.8	101	-0.04	16.87-17.28
----- True Calc. % Drift -----							
65 m	4-ETHYLTOLUENE	10.000	10.945	-9.5	101	-0.04	17.13-17.40
----- AvgRF CCRF % Dev -----							
66 m	1,3,5-TRIMETHYLBENZENE	1.284	1.597	-24.4	102	-0.04	17.22-17.48
----- True Calc. % Drift -----							
67 m	1,2,4-TRIMETHYLBENZENE	10.000	11.103	-11.0	103	-0.04	17.66-17.97
----- AvgRF CCRF % Dev -----							
68 m	m-DICHLOROBENZENE	0.587	0.719	-22.5	102	-0.04	17.83-18.16
----- True Calc. % Drift -----							
69 m	BENZYL CHLORIDE	10.000	10.264	-2.6	91	-0.04	17.81-18.12
----- AvgRF CCRF % Dev -----							
70 m	p-DICHLOROBENZENE	0.597	0.713	-19.4	102	-0.04	17.95-18.19
71 m	o-DICHLOROBENZENE	0.596	0.734	-23.2	103	-0.04	18.30-18.61
72 m	HEXACHLOROBUTADIENE	0.554	0.576	-4.0	89	-0.03	20.64-21.05
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.162	-12.5	94	-0.03	20.15-20.56
74 m	NAPHTHALENE						
-----NA-----							

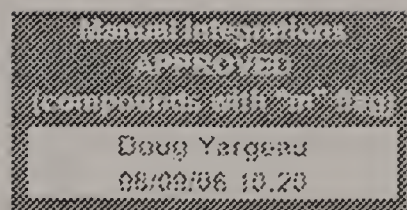
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Q1309.D Q080706T.m

SPCC's out = 0 CCC's out = 0

Tue Aug 08 09:28:12 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	10.42	PPBV	87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:46 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

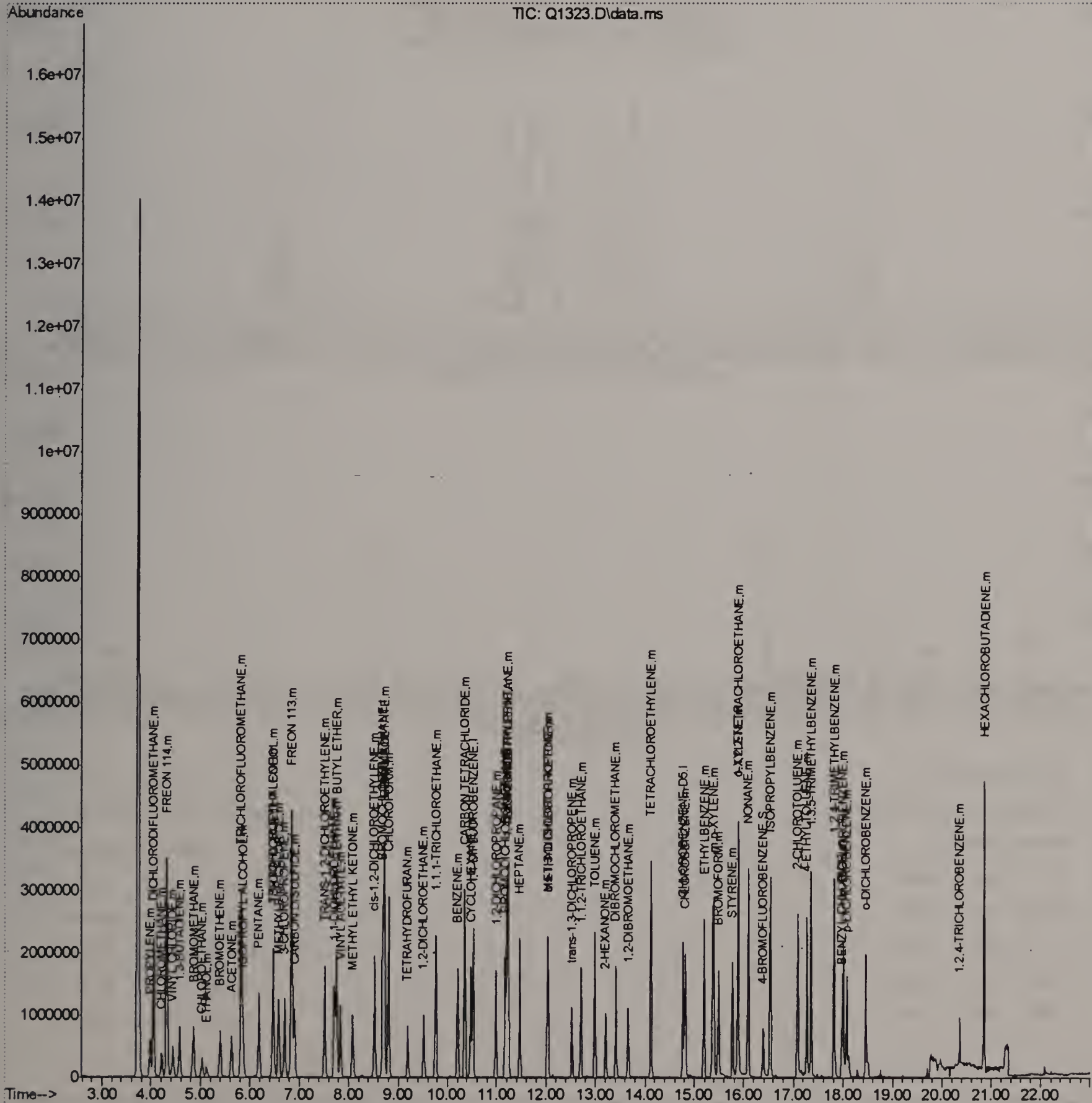
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1168959m	24.28	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1323.D  
Acq On    : 8 Aug 2006    9:03 am  
Operator   : PhilipB  
Sample     : ICV (D011)  
Misc       : MS11922,MSQ69,,,,,1  
ALS Vial   : 3    Sample Multiplier: 1
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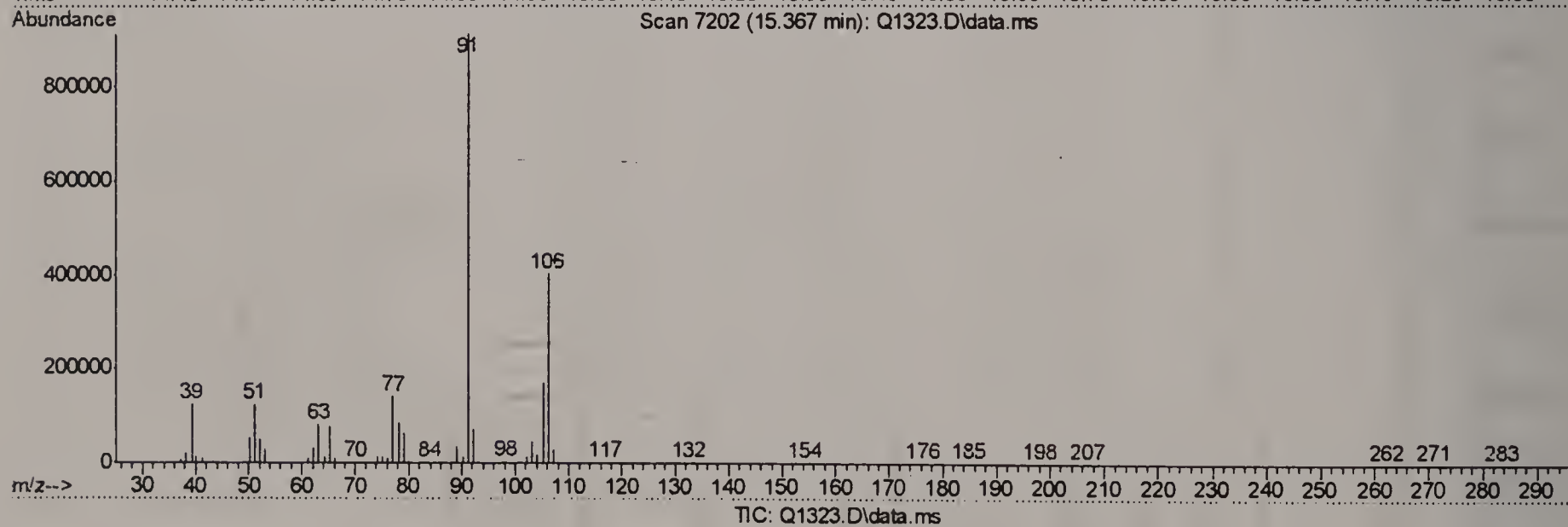
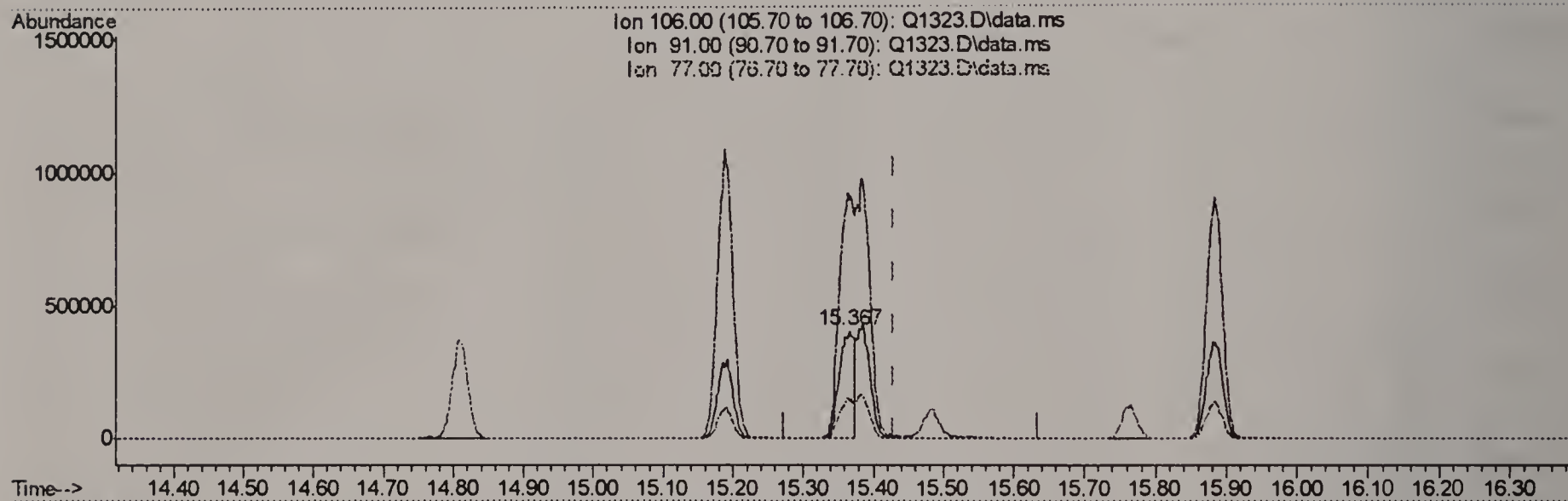
Quant Time: Aug 08 09:27:46 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

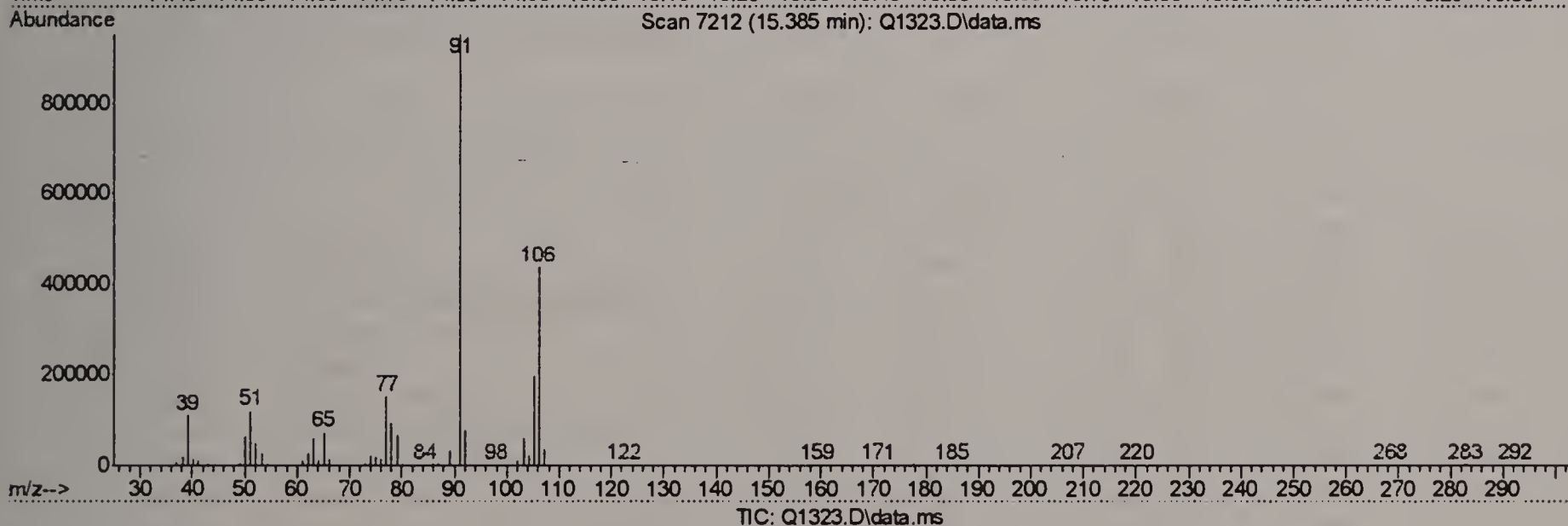
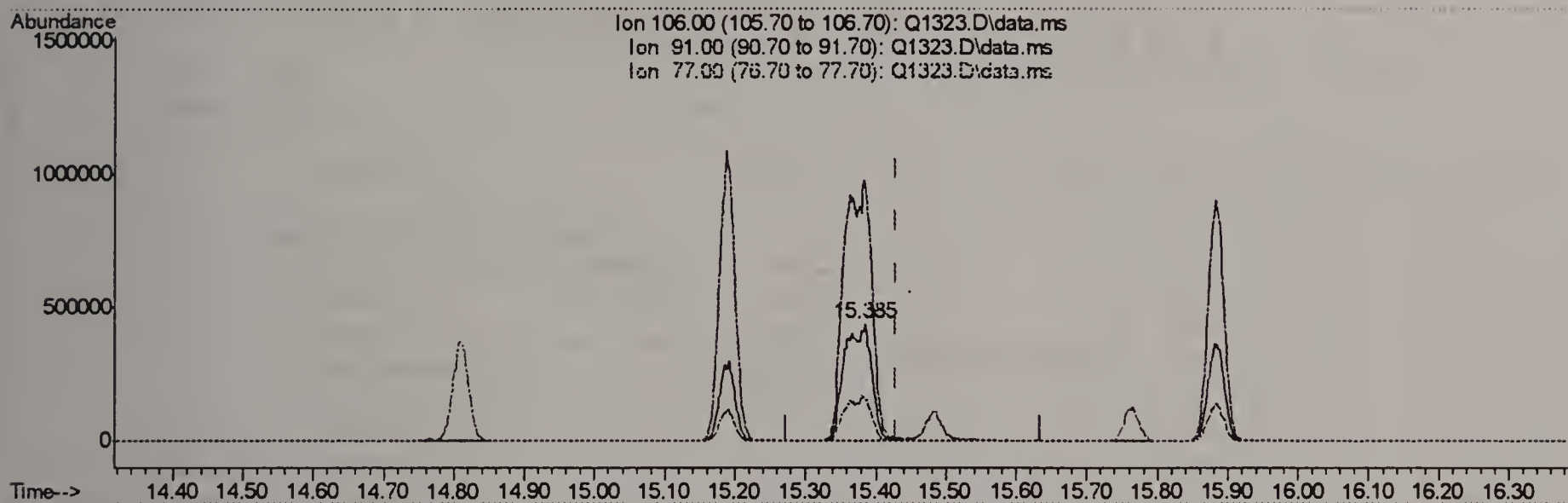
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : ICV (D011)
 Misc : MS11922,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:27:11 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.385min (-0.044) 24.28PPBV m

response 1168959

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

Calibration Verification Data

70 - 15

(Test)

Continuing Calibration Summary

Page 1 of 2

Job Number: M58364
Account: GEI GEI Consultants, Inc.
Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-CC68
Lab FileID: Q1323B.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\Q1323B.D

Vial: 3

Acq On : 8 Aug 2006 9:03 am

Operator: PhilipB

Sample : CC68-10 (D011)

Inst : MAMSQ

Misc : MS11934,MSQ69,,,,,1

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)

Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um

Last Update : Tue Aug 08 10:04:39 2006

Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 1% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	92	-0.05	8.48- 8.89
2 m	DICHLORODIFLUOROMETHAN	4.192	4.006	4.4	111	-0.04	3.84- 4.25
3 m	PROPYLENE	0.669	0.721	-7.8	120	-0.03	3.77- 4.18
4 m	FREON 114	3.977	3.887	2.3	109	-0.04	4.10- 4.52
5 m	CHLOROMETHANE	1.058	0.838	20.8	107	-0.04	4.00- 4.41
6 m	VINYL CHLORIDE	1.130	1.016	10.1	107	-0.04	4.23- 4.64
7 m	1,3-BUTADIENE	0.984	0.980	0.4	108	-0.04	4.37- 4.78
8 m	BROMOMETHANE	1.115	1.046	6.2	104	-0.04	4.65- 5.06
9 m	CHLOROETHANE	0.506	0.470	7.1	105	-0.04	4.83- 5.24
10 m	TRICHLOROFLUOROMETHANE	4.994	4.785	4.2	104	-0.05	5.62- 6.03
----- True Calc. % Drift -----							
11 m	ISOPROPYL ALCOHOL	10.000	10.420	-4.2	100	-0.05	5.62- 6.09
----- AvgRF CCRF % Dev -----							
12 m	ACETONE	1.711	1.804	-5.4	111	-0.04	5.42- 5.83
13 m	PENTANE	1.078	0.992	8.0	100	-0.05	6.02- 6.33
14 m	1,1-DICHLOROETHYLENE	1.043	0.947	9.2	104	-0.05	6.26- 6.67
15 m	CARBON DISULFIDE	2.933	2.745	6.4	101	-0.05	6.69- 7.10
16 m	ETHANOL	0.366	0.355	3.0	106	-0.05	4.89- 5.35
17 m	BROMOETHENE	0.905	0.904	0.1	107	-0.05	5.19- 5.60
18 m	METHYLENE CHLORIDE	1.195	0.854	28.5	100	-0.05	6.43- 6.73
19 m	3-CHLOROPROPENE	1.464	1.450	1.0	103	-0.05	6.49- 6.90
20 m	FREON 113	2.571	2.627	-2.2	106	-0.05	6.63- 7.05
21 m	TRANS-1,2-DICHLOROETHY	1.090	0.989	9.3	101	-0.05	7.31- 7.72
22 m	TERTIARY BUTYL ALCOHOL	1.746	0.816	53.3#	81	-0.05	6.21- 6.73
23 m	METHYL TERTIARY BUTYL	2.721	3.129	-15.0	111	-0.04	7.55- 7.96
24 m	TETRAHYDROFURAN	0.626	0.769	-22.8	113	-0.04	9.05- 9.33
25 m	HEXANE	1.743	1.638	6.0	98	-0.05	8.51- 8.92
26 m	VINYL ACETATE	2.694	2.922	-8.5	102	-0.05	7.66- 8.01
27 m	1,1-DICHLOROETHANE	2.401	2.245	6.5	100	-0.05	7.50- 7.91
28 m	METHYL ETHYL KETONE	2.173	2.081	4.2	98	-0.04	7.83- 8.32
29 m	cis-1,2-DICHLOROETHYLE	1.230	1.185	3.7	102	-0.05	8.31- 8.72
30 m	ETHYL ACETATE	3.781	3.681	2.6	99	-0.05	8.50- 8.92
31 m	CHLOROFORM	3.134	3.276	-4.5	103	-0.05	8.60- 9.01
32 m	1,1,1-TRICHLOROETHANE	2.075	2.225	-7.2	107	-0.05	9.55- 9.97
33 m	CARBON TETRACHLORIDE	2.395	2.513	-4.9	105	-0.05	10.14-10.55
34 m	1,2-DICHLOROETHANE	1.202	1.280	-6.5	104	-0.05	9.31- 9.72
35 I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	92	-0.05	10.31-10.72
36 m	BENZENE	0.855	0.958	-12.0	107	-0.05	10.00-10.41
37 m	CYCLOHEXANE	0.393	0.381	3.1	104	-0.05	10.26-10.67

Continuing Calibration Summary

Job Number: M58364
 Account: GEI GEI Consultants, Inc.
 Project: Indoor & Outdoor Air Samples Tufts St., Somerville MA

Sample: MSQ69-CC68
 Lab FileID: Q1323B.D

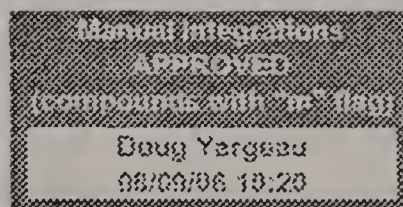
38 m	TRICHLOROETHYLENE	0.424	0.443	-4.5	104	-0.05	11.04-11.35
39 m	1,2-DICHLOROPROPANE	0.303	0.330	-8.9	110	-0.05	10.77-11.19
40 m	BROMODICHLOROMETHANE	0.650	0.680	-4.6	106	-0.05	11.01-11.32
41 m	2,2,4-TRIMETHYLPENTANE	1.568	1.614	-2.9	103	-0.05	11.02-11.43
42 m	1,4-DIOXANE	0.129	0.139	-7.8	102	-0.04	10.93-11.46
43 m	HEPTANE	0.520	0.558	-7.3	102	-0.05	11.31-11.62
44 m	METHYL ISOBUTYL KETONE	0.602	0.604	-0.3	94	-0.04	11.82-12.25
45 m	cis-1,3-DICHLOROPROPEN	0.398	0.456	-14.6	108	-0.04	11.81-12.22
46 m	TOLUENE	0.476	0.578	-21.4	111	-0.05	12.77-13.18
47 m	trans-1,3-DICHLOROPROP	0.268	0.322	-20.1	105	-0.05	12.36-12.67
48 m	1,1,2-TRICHLOROETHANE	0.253	0.274	-8.3	107	-0.05	12.52-12.88
49 I	CHLOROBENZENE-D5	1.000	1.000	0.0	88	-0.05	14.61-14.92
50 m	2-HEXANONE	0.639	0.708	-10.8	91	-0.04	13.00-13.40
51 m	TETRACHLOROETHYLENE	0.525	0.629	-19.8	108	-0.05	13.91-14.32
52 m	DIBROMOCHLOROMETHANE	0.656	0.759	-15.7	109	-0.05	13.23-13.59
53 m	1,2-DIBROMOETHANE	0.542	0.623	-14.9	110	-0.05	13.50-13.81
54 m	CHLOROBENZENE	0.795	0.885	-11.3	109	-0.05	14.65-14.96
55 m	ETHYLBENZENE	1.371	1.728	-26.0	106	-0.05	15.01-15.37
56 m	m,p-XYLENE	0.512	0.621	-21.3	106	-0.04	15.20-15.57
57 m	o-XYLENE	0.513	0.625	-21.8	104	-0.05	15.70-16.06
58 m	STYRENE	0.588	0.778	-32.3#	106	-0.04	15.61-15.92
59 m	NONANE	1.132	1.275	-12.6	100	-0.04	15.93-16.24
60 m	BROMOFORM	0.581	0.720	-23.9	108	-0.05	15.33-15.64
61 S	4-BROMOFLUOROBENZENE	0.502	0.465	7.4	73	-0.04	16.23-16.54
62 m	1,1,2,2-TETRACHLOROETH	0.875	0.974	-11.3	99	-0.05	15.71-16.02
63 m	ISOPROPYLBENZENE	1.610	1.933	-20.1	103	-0.04	16.37-16.68
64 m	2-CHLOROTOLUENE	1.124	1.358	-20.8	101	-0.04	16.87-17.28
----- True Calc. % Drift -----							
65 m	4-ETHYLTOLUENE	10.000	10.945	-9.5	101	-0.04	17.13-17.40
----- AvgRF CCRF % Dev -----							
66 m	1,3,5-TRIMETHYLBENZENE	1.284	1.597	-24.4	102	-0.04	17.22-17.48
----- True Calc. % Drift -----							
67 m	1,2,4-TRIMETHYLBENZENE	10.000	11.103	-11.0	103	-0.04	17.66-17.97
----- AvgRF CCRF % Dev -----							
68 m	m-DICHLOROBENZENE	0.587	0.719	-22.5	102	-0.04	17.83-18.16
----- True Calc. % Drift -----							
69 m	BENZYL CHLORIDE	10.000	10.264	-2.6	91	-0.04	17.81-18.12
----- AvgRF CCRF % Dev -----							
70 m	p-DICHLOROBENZENE	0.597	0.713	-19.4	102	-0.04	17.95-18.19
71 m	o-DICHLOROBENZENE	0.596	0.734	-23.2	103	-0.04	18.30-18.61
72 m	HEXACHLOROBUTADIENE	0.554	0.576	-4.0	89	-0.03	20.64-21.05
73 m	1,2,4-TRICHLOROBENZENE	0.144	0.162	-12.5	94	-0.03	20.15-20.56
74 m	NAPHTHALENE						

(#) = Out of Range

Q1309.D Q080706T.m

SPCC's out = 0 CCC's out = 0
 Tue Aug 08 11:46:52 2006

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	Below Cal		87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:32 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

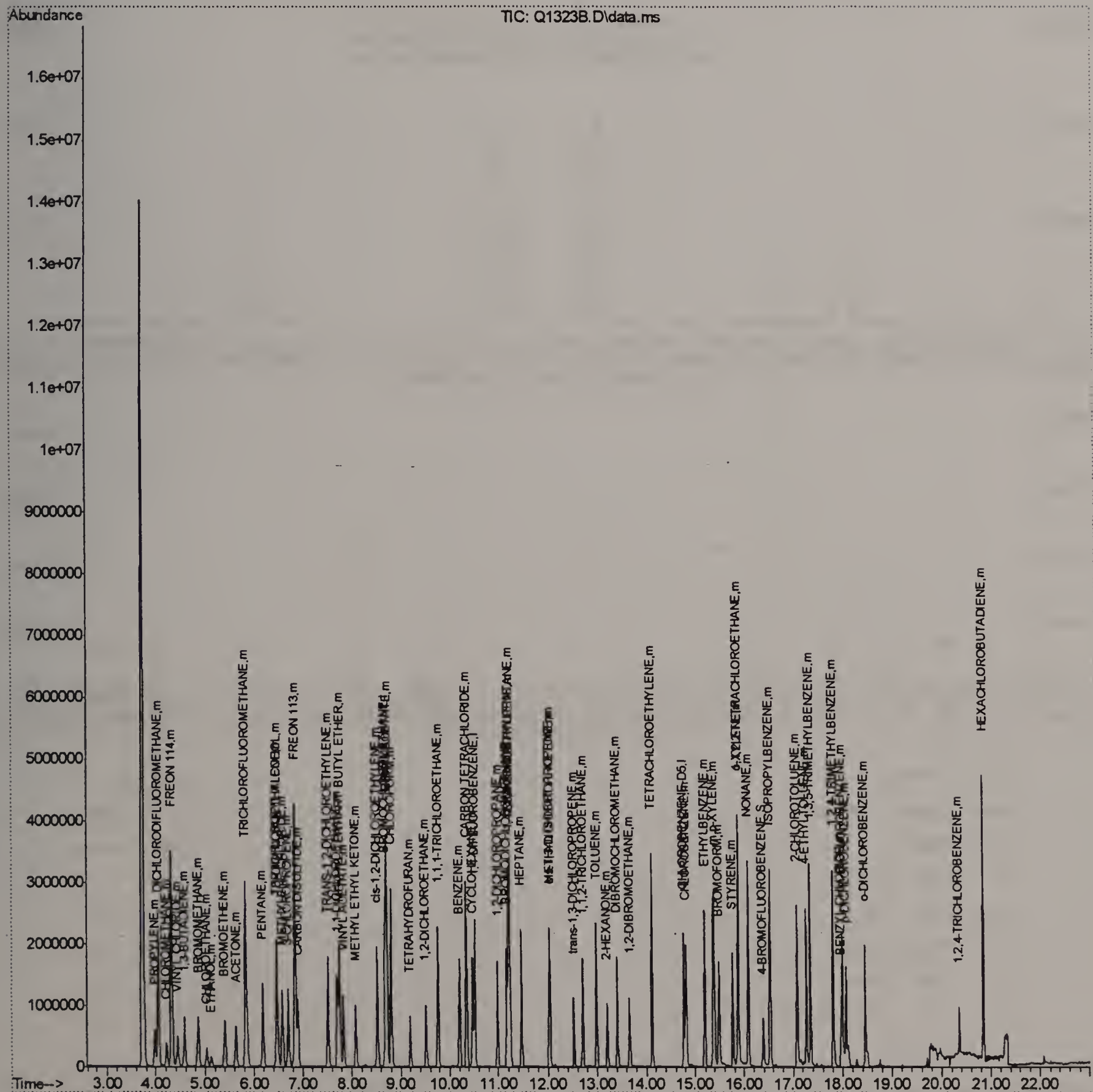
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1168493m	24.27	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323B.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : CC68-10 (D011)
Misc : MS11934,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

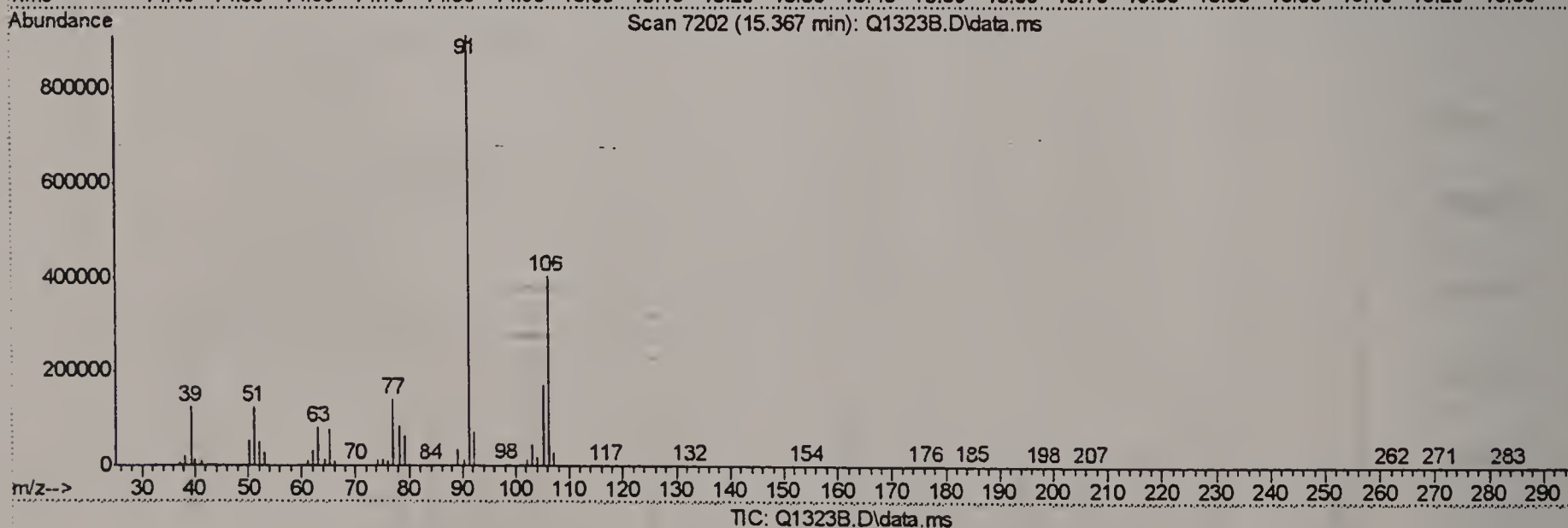
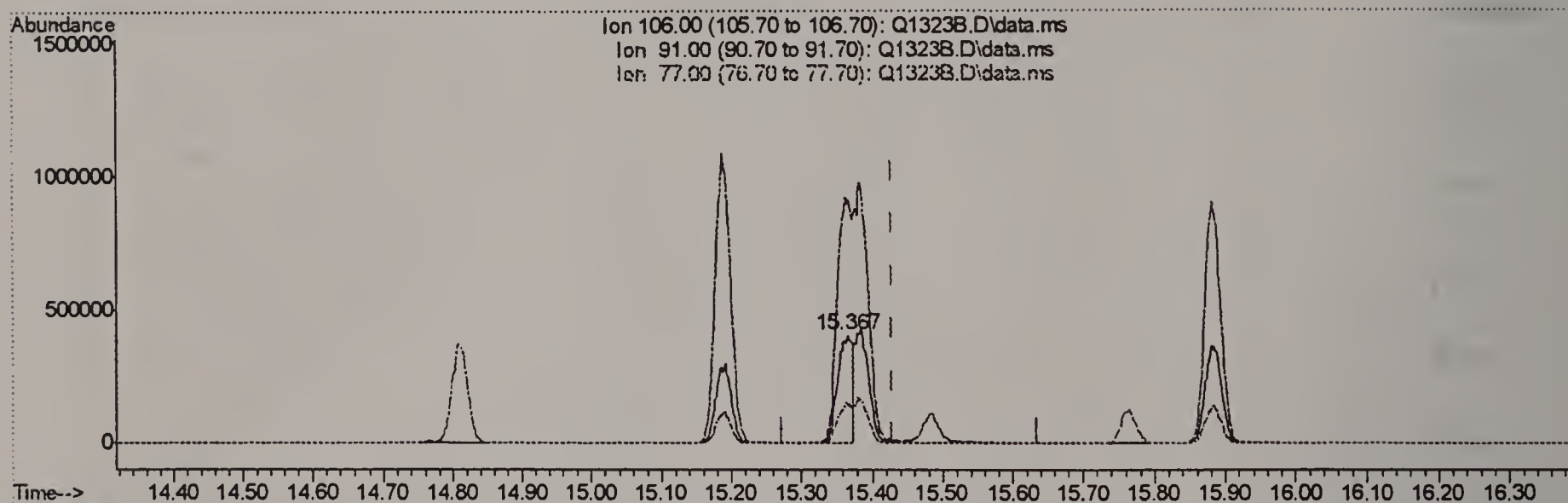
Quant Time: Aug 08 11:46:32 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 10:04:39 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

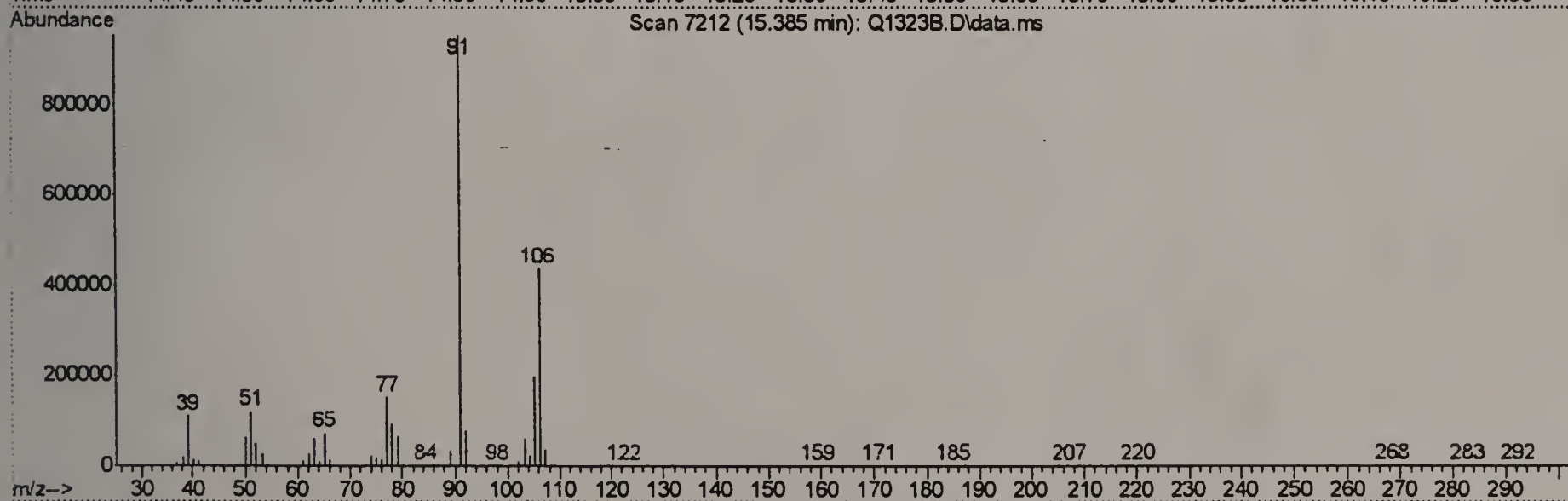
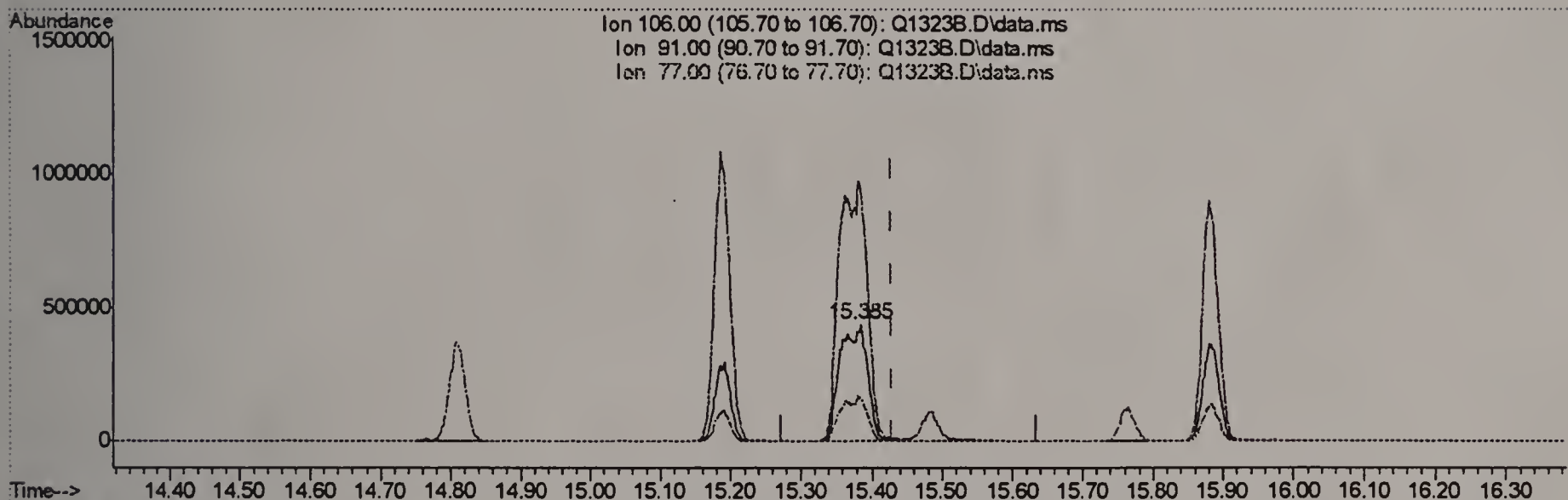
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323B.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : CC68-10 (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 11:46:20 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



TIC: Q1323B.D\data.ms

(56) m,p-XYLENE (m)

15.385min (-0.044) 24.27PPBV m

response 1168493

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

QC Raw Data

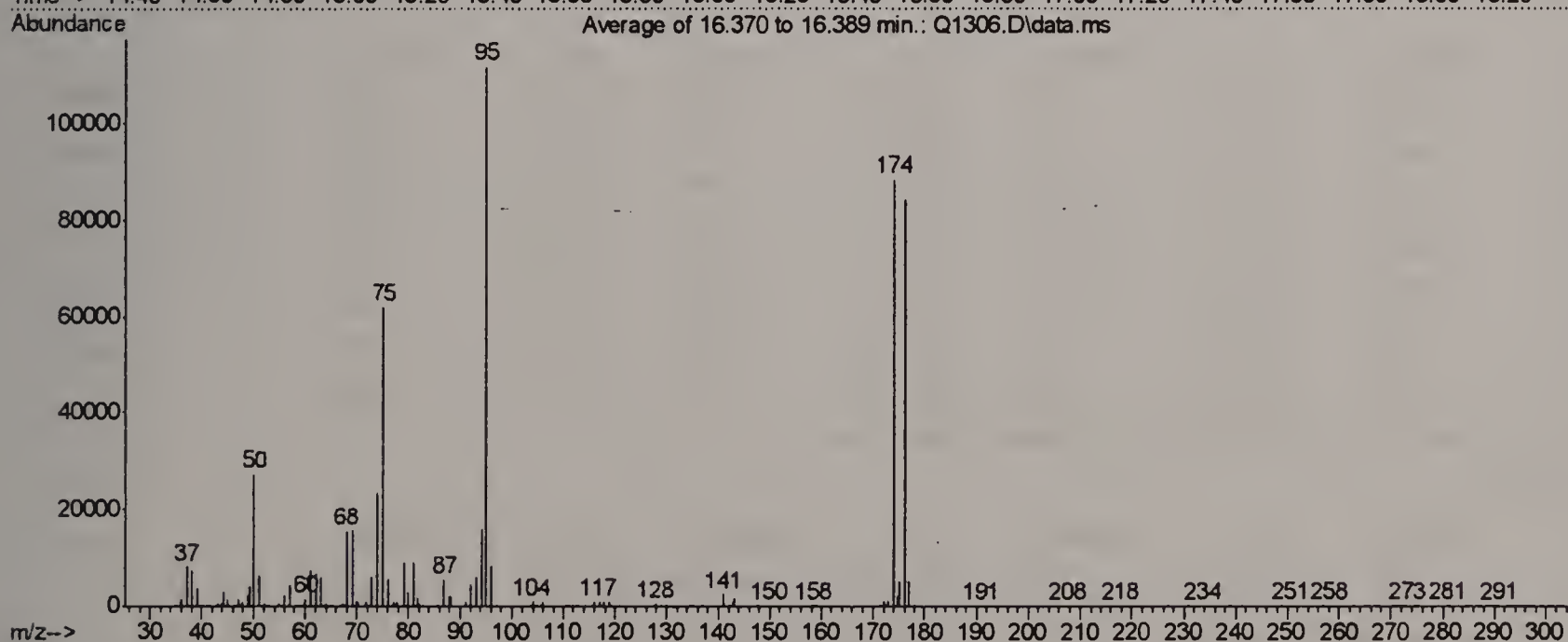
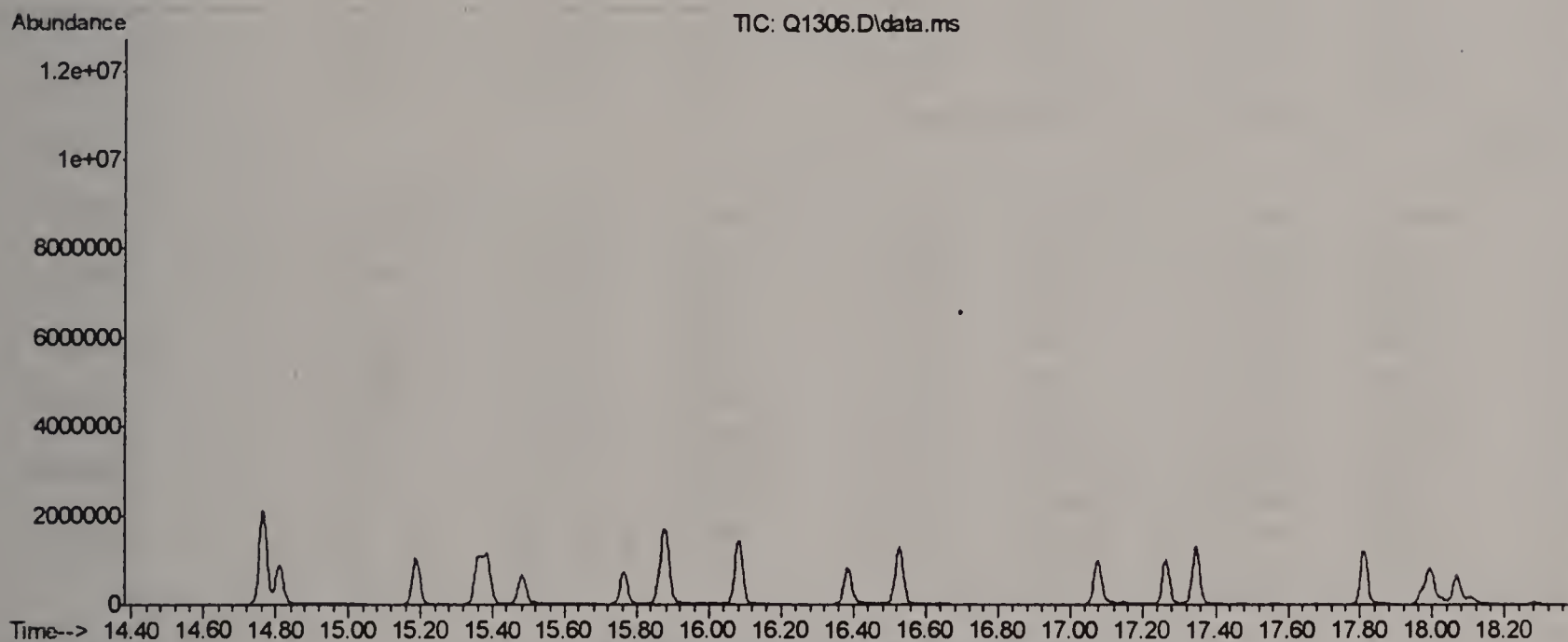
$$\frac{70 - 15}{(\text{Test})}$$

BFB

Data File : C:\msdchem\1\DATA\Q1306.D
 Acq On : 7 Aug 2006 1:05 pm
 Sample : IC68-5 (M140)
 Misc : MS11916,MSQ68,,,,,1
 MS Integration Params: LSCINT.P

Vial: 2
 Operator: PhilipB
 Inst : MAMSQ
 Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
 Title : T015 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.370 to 16.389 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.4	27326	PASS
75	95	30	66	55.4	61927	PASS
95	95	100	100	100.0	111867	PASS
96	95	5	9	7.3	8195	PASS
173	174	0.00	2	1.2	1020	PASS
174	95	50	120	79.0	88389	PASS
175	174	4	9	5.8	5092	PASS
176	174	93	101	95.4	84322	PASS
177	176	5	9	6.2	5203	PASS

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.15	179	41.80	51	47.50	286	53.00	205
35.95	873	43.00	452	47.70	87	53.25	85
36.20	1430	43.90	474	48.05	867	54.00	86
37.15	8290	44.10	2773	49.00	2313	55.05	454
38.10	7463	44.70	42	49.15	3890	55.25	198
39.10	3632	45.00	1358	50.10	27326	56.05	2193
39.80	108	45.25	225	51.05	6344	56.80	367
39.95	297	45.80	47	51.25	1996	57.10	4406
40.15	200	46.20	59	51.90	160	57.90	141
40.75	121	46.35	185	52.10	441	58.05	174
41.20	309	47.10	1521	52.40	42	58.50	166

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
59.10	62	65.00	356	70.85	129	77.85	844
59.85	306	65.10	127	71.70	212	79.00	9203
60.10	1474	65.25	244	71.80	122	80.00	2777
60.30	140	66.00	40	71.95	870	81.05	9260
61.05	7362	66.20	92	72.30	179	81.90	1830
62.10	6815	66.90	207	73.05	5946	82.10	576
63.05	6065	67.25	658	74.05	23448	83.00	405
63.85	221	68.00	15595	75.10	61927	83.20	45
64.10	641	69.10	15845	76.15	5686	84.80	59
64.40	136	70.00	1022	76.95	426	85.10	39
64.95	278	70.15	823	77.25	762	85.60	83

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.90	265	90.75	99	98.00	143	105.30	62
86.10	52	90.90	54	98.70	73	105.70	69
87.00	5507	91.10	897	102.00	78	105.80	180
87.85	958	92.10	4622	103.00	39	105.95	874
87.90	334	93.10	6075	103.20	51	107.00	82
88.00	2013	94.10	15961	103.80	260	109.30	58
88.15	2039	95.05	111867	103.90	188	109.90	91
88.90	137	96.05	8195	104.05	1029	110.20	54
89.25	109	96.80	151	104.70	107	110.70	156
89.50	57	97.00	182	104.80	79	111.05	230
90.20	53	97.40	59	104.95	173	111.85	338

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
112.10	60	116.50	85	123.90	111	129.75	73
112.65	175	116.90	962	124.15	81	129.80	284
112.80	103	117.05	537	124.90	103	129.90	180
113.00	69	117.60	59	125.15	95	130.05	271
114.30	69	117.90	862	125.60	48	131.00	143
114.70	151	118.10	48	125.90	63	132.30	35
115.00	40	118.85	935	127.75	179	133.65	71
115.70	200	119.05	331	127.95	460	134.60	100
115.80	45	122.00	64	128.20	104	134.85	421
115.95	745	122.20	47	128.70	37	135.10	231
116.30	83	123.60	35	129.05	276	136.75	194

Average of 16.370 to 16.389 min.: Q1306.D\data.ms
IC68-5 (M140)

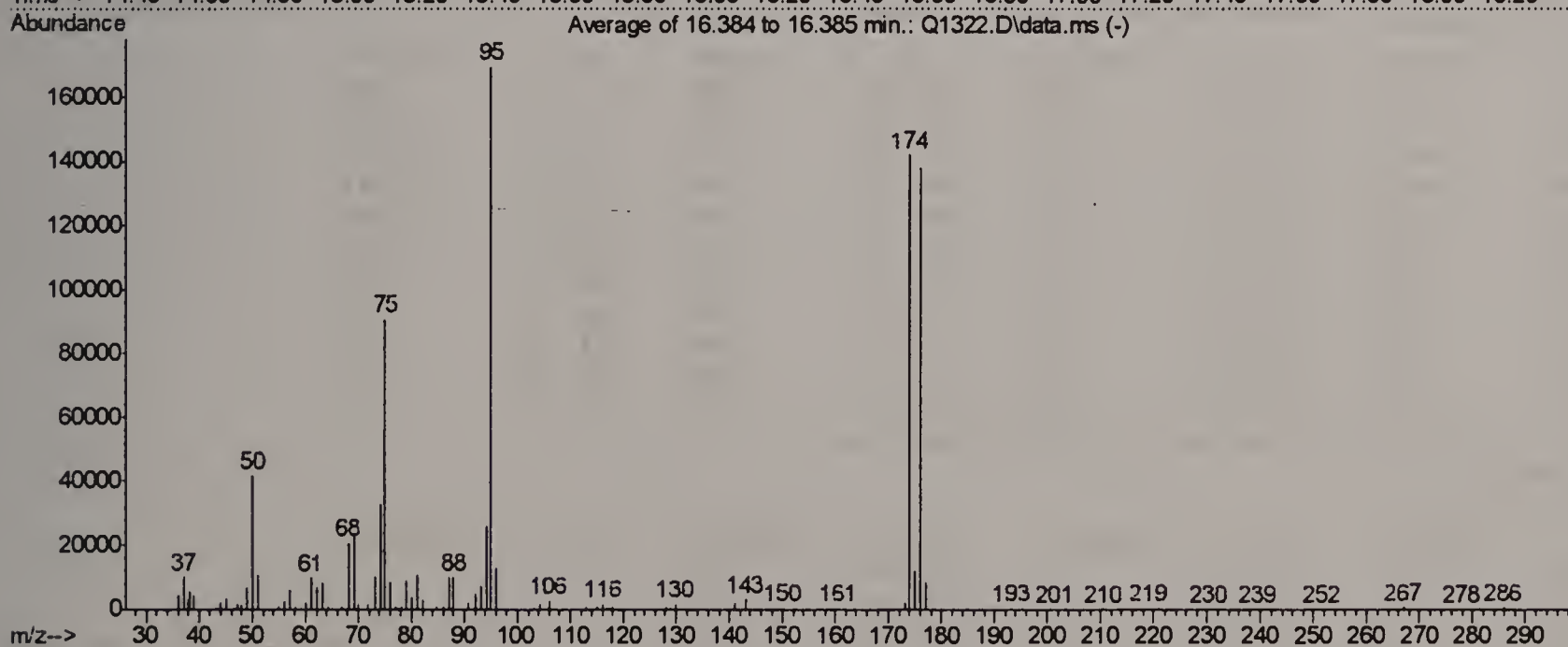
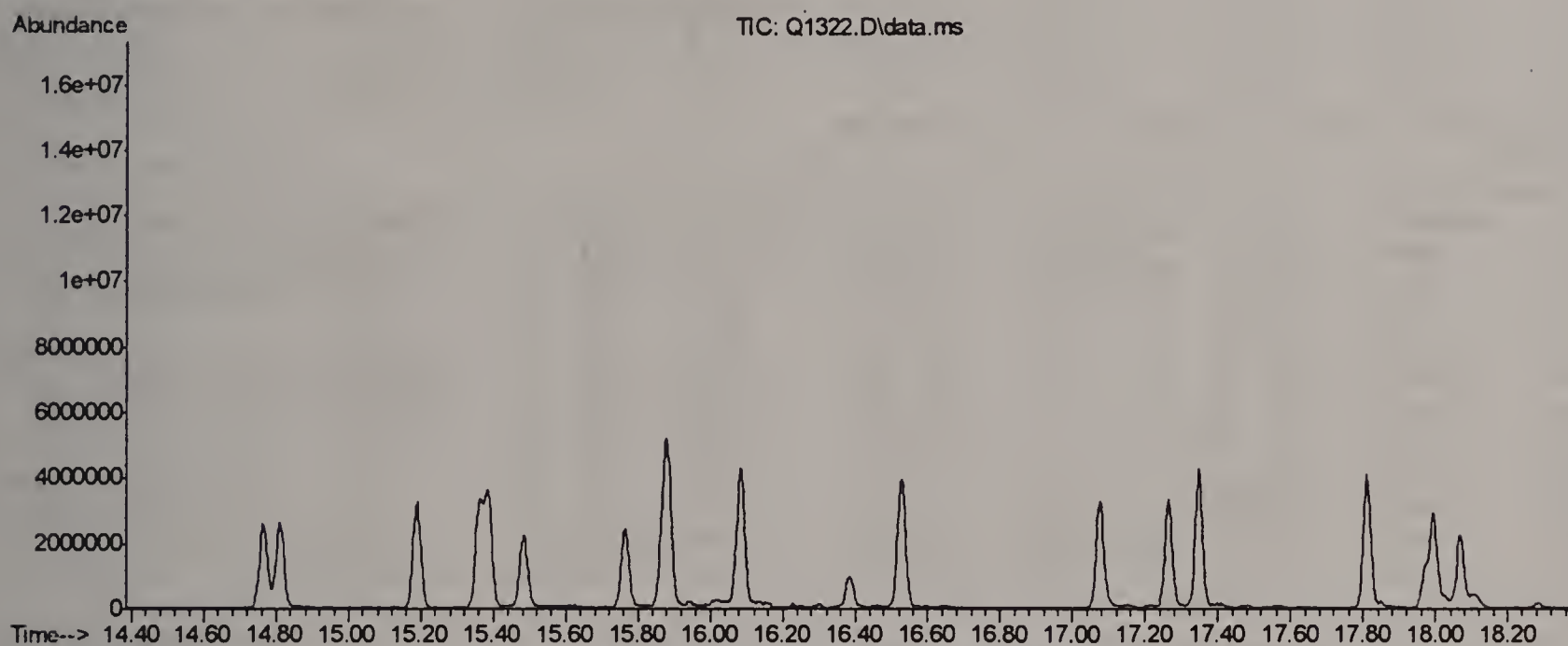
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
137.15	129	142.00	220	147.20	54	155.90	45
138.10	97	142.90	911	147.70	46	156.90	43
138.70	36	143.10	1697	147.95	165	157.20	36
139.00	48	143.70	62	148.90	79	157.80	52

BFB

Data File : C:\msdchem\1\DATA\Q1322.D
Acq On : 8 Aug 2006 8:18 am
Sample : CC68-10 (M140)
Misc : MS11922,MSQ69,,,,,1
MS Integration Params: LSCINT.P

Vial: 2
Operator: PhilipB
Inst : MAMSQ
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\Q080706T.m (RTE Integrator)
Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um



Spectrum Information: Average of 16.384 to 16.385 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	8	40	24.7	41996	PASS
75	95	30	66	53.6	91082	PASS
95	95	100	100	100.0	169936	PASS
96	95	5	9	7.8	13283	PASS
173	174	0.00	2	1.4	2039	PASS
174	95	50	120	83.7	142208	PASS
175	174	4	9	8.5	12064	PASS
176	174	93	101	96.9	137856	PASS
177	176	5	9	6.4	8821	PASS

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	4354	48.00	1494	62.05	7112	73.10	10305
37.05	10288	49.00	6824	63.05	8328	74.15	33268
37.95	3257	50.10	41996	64.10	920	75.05	91082
38.20	5719	51.15	10697	65.00	493	76.10	8686
39.10	4452	55.15	724	66.00	344	76.80	485
43.20	357	56.10	2762	66.80	825	77.00	1005
43.40	232	57.15	5959	67.10	295	77.50	525
44.05	2262	58.25	677	68.10	21012	78.05	941
45.10	3310	59.10	429	69.15	23492	79.05	8946
46.50	257	60.00	2101	70.10	1637	79.95	3902
47.05	1667	61.05	9994	71.85	1802	81.00	10695

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.10	2880	95.05	169936	110.90	294	124.00	492
83.30	212	96.10	13283	111.60	370	128.10	731
84.85	706	99.60	559	112.85	882	128.90	637
86.00	957	100.40	205	115.10	917	129.90	1904
87.00	10037	102.75	319	116.05	1866	131.90	658
88.00	10060	103.10	341	116.80	475	133.00	500
89.80	221	104.15	1613	117.20	649	133.80	299
90.90	2001	105.00	500	117.80	350	135.10	237
92.05	4941	105.95	2699	118.00	687	135.80	382
93.10	7411	106.70	368	119.10	396	137.20	276
94.10	26208	108.00	224	123.00	243	138.20	320

Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
139.40	355	149.00	588	160.65	554	172.70	458
140.00	471	150.10	463	161.90	531	173.00	2039
141.00	2407	151.80	210	163.80	484	174.00	142208
143.05	3444	152.50	284	168.30	333	175.05	12064
144.00	609	154.70	354	169.10	284	176.00	137856
145.00	252	156.90	480	169.70	334	176.95	8821
145.20	525	157.20	245	170.50	275	190.20	222
145.80	373	157.60	274	170.90	466	193.15	572
147.20	505	158.60	317	171.20	356	201.50	216
147.90	541	159.10	383	171.80	494	206.00	215
148.10	618	159.80	315	172.10	519	207.00	112

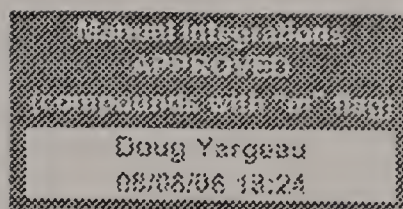
Average of 16.384 to 16.385 min.: Q1322.D\data.ms

CC68-10 (M140)

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.30	215	230.30	295	266.90	866		
210.50	294	230.90	258	267.20	308		
213.90	249	231.70	259	268.10	204		
214.60	248	232.50	258	269.00	306		
216.70	243	234.20	231	277.90	203		
217.80	249	239.50	250	278.60	202		
218.95	458	243.60	209	281.10	353		
219.70	239	251.70	212	285.90	867		
220.80	269	255.40	204	289.35	8		
221.30	267	260.00	215				
225.50	212	265.70	217				

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 16:49:39 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.681	128	468774	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.513	114	1114562	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.765	117	617315	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.384	95	112252m	3.62	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	72.40%

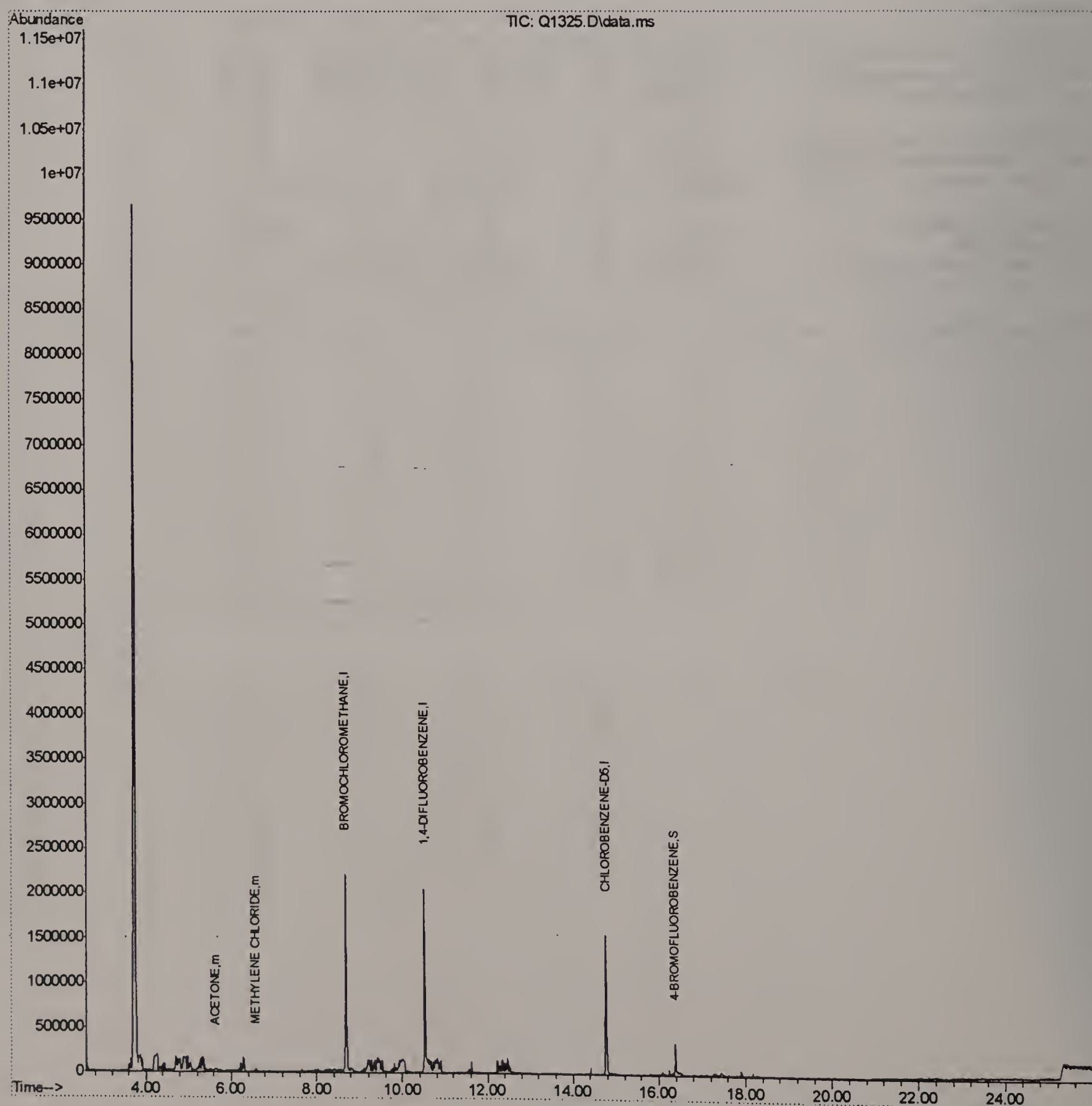
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) ACETONE	5.634	43	22189	0.28	PPBV	72
18) METHYLENE CHLORIDE	6.582	84	11002m	0.20	PPBV	

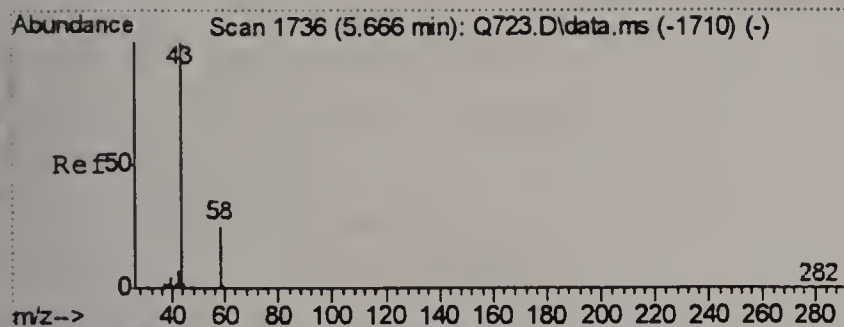
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

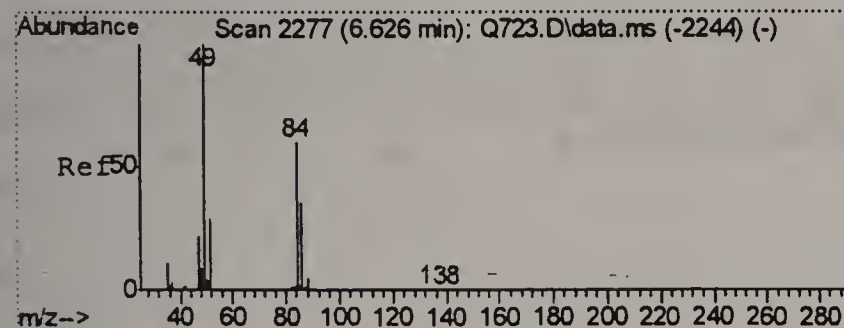
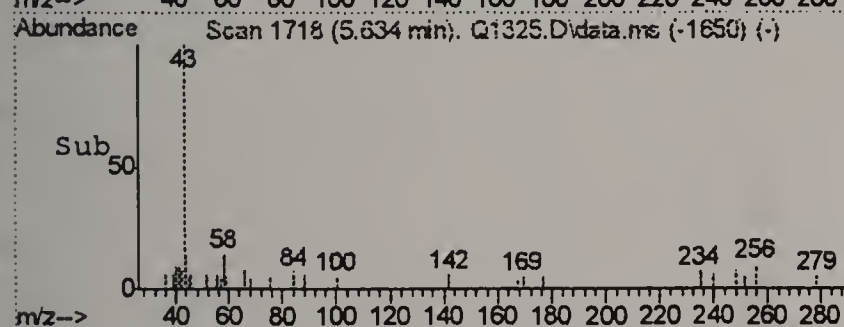
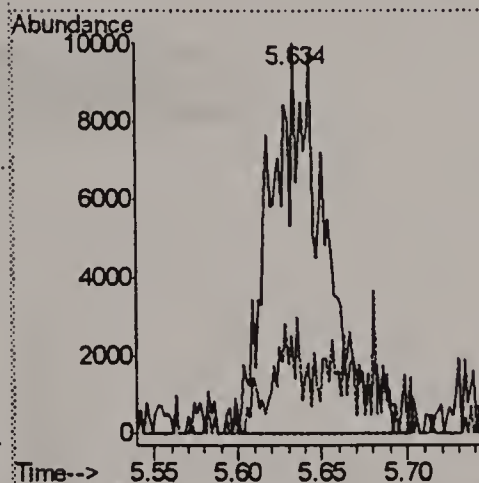
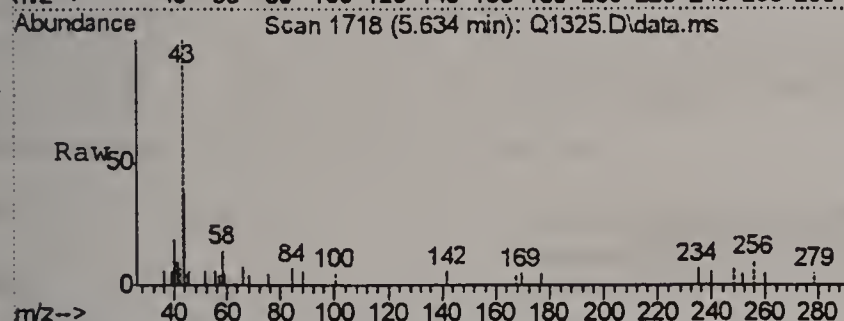
Quant Time: Aug 08 16:49:39 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration





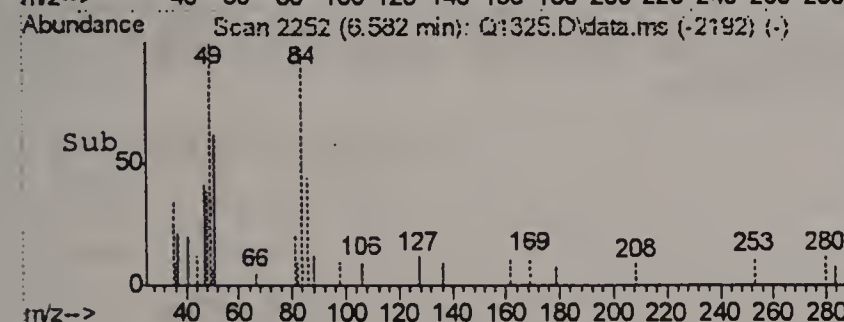
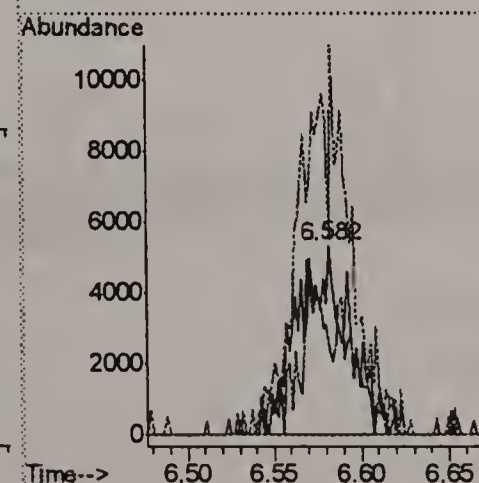
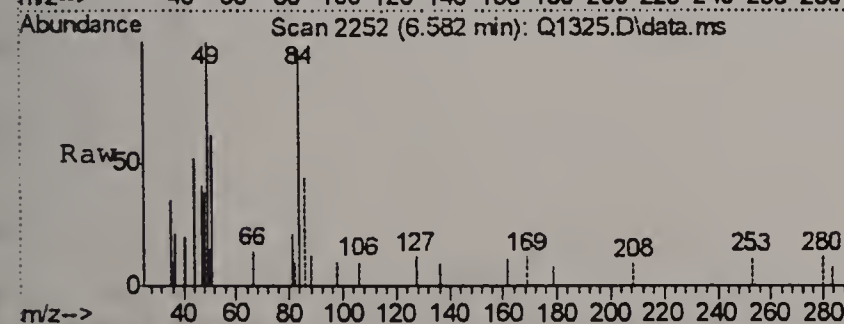
#12
 ACETONE
 Concen: 0.28 PPBV
 RT: 5.634 min Scan# 1718
 Delta R.T. -0.035 min
 Lab File: Q1325.D
 Acq: 8 Aug 2006 10:39 am

Tgt Ion: 43 Resp: 22189
 Ion Ratio Lower Upper
 43 100
 58 10.2 4.1 44.1



#18
 METHYLENE CHLORIDE
 Concen: 0.20 PPBV m
 RT: 6.582 min Scan# 2252
 Delta R.T. -0.044 min
 Lab File: Q1325.D
 Acq: 8 Aug 2006 10:39 am

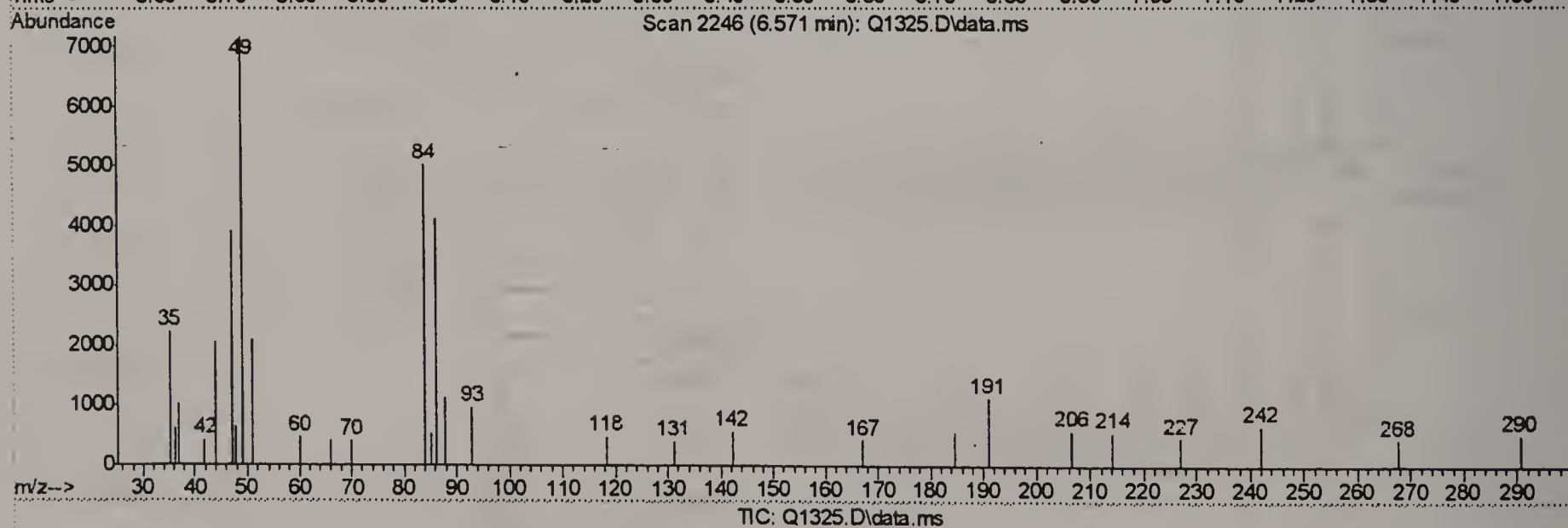
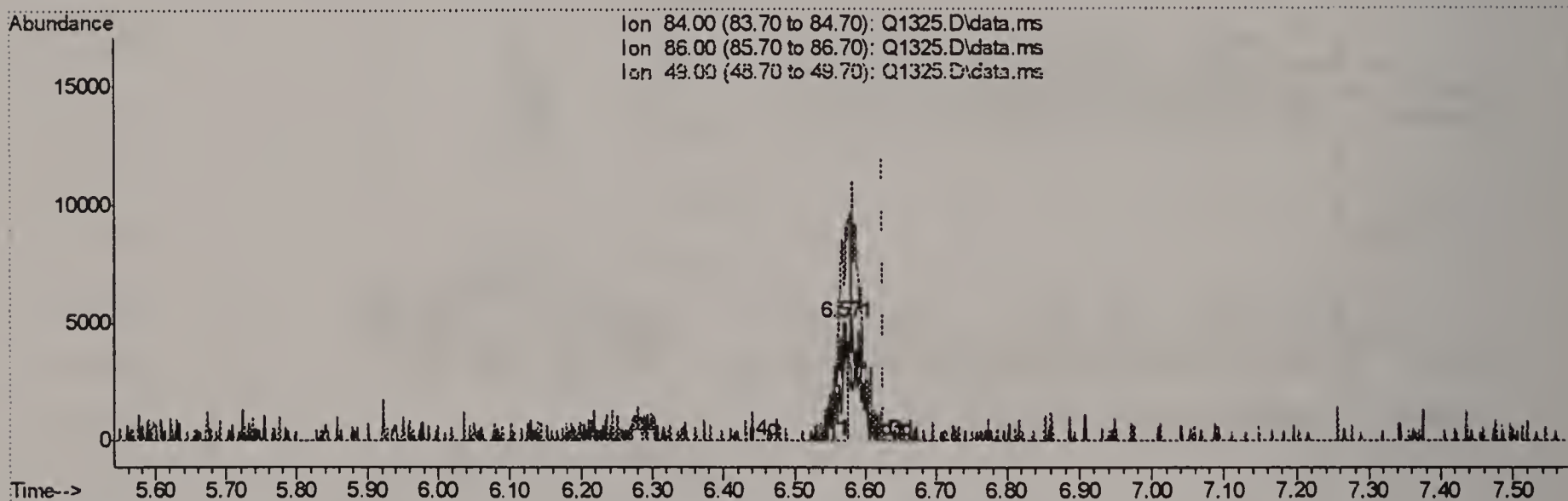
Tgt Ion: 84 Resp: 11002
 Ion Ratio Lower Upper
 84 100
 86 46.9 44.6 84.6
 49 193.3 0.7 400.7



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.571min (-0.055) 0.10PPBV

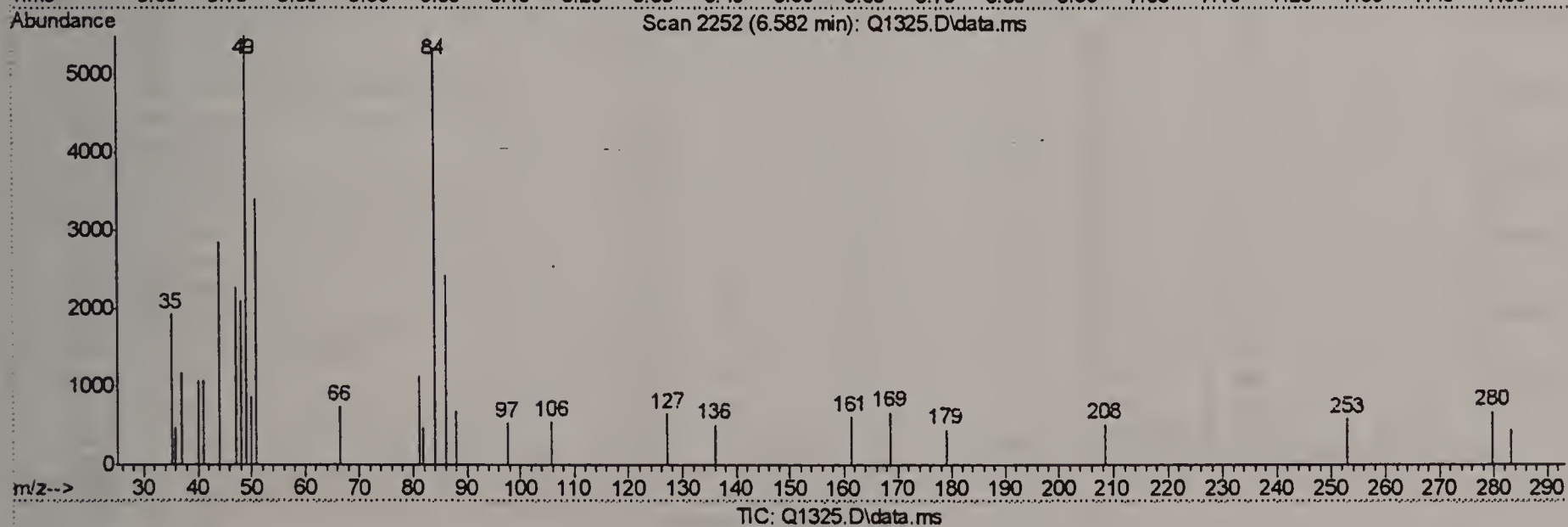
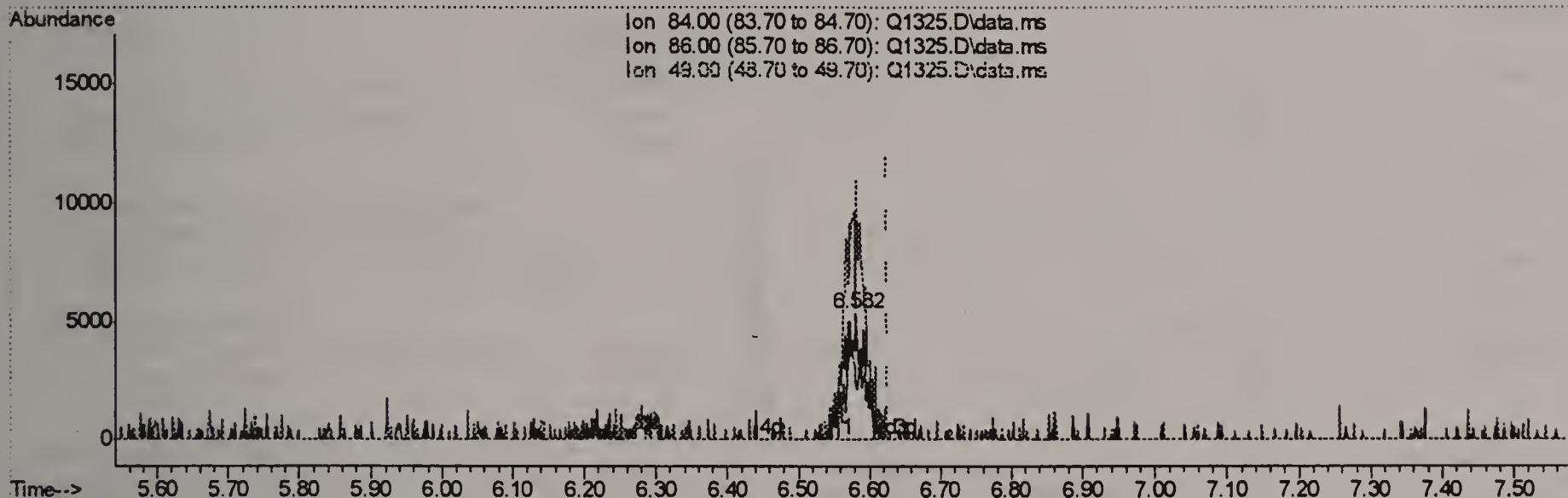
response 5346

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	96.45#
49.00	200.70	397.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:13 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



(18) METHYLENE CHLORIDE (m)

6.582min (-0.044) 0.20PPBV m

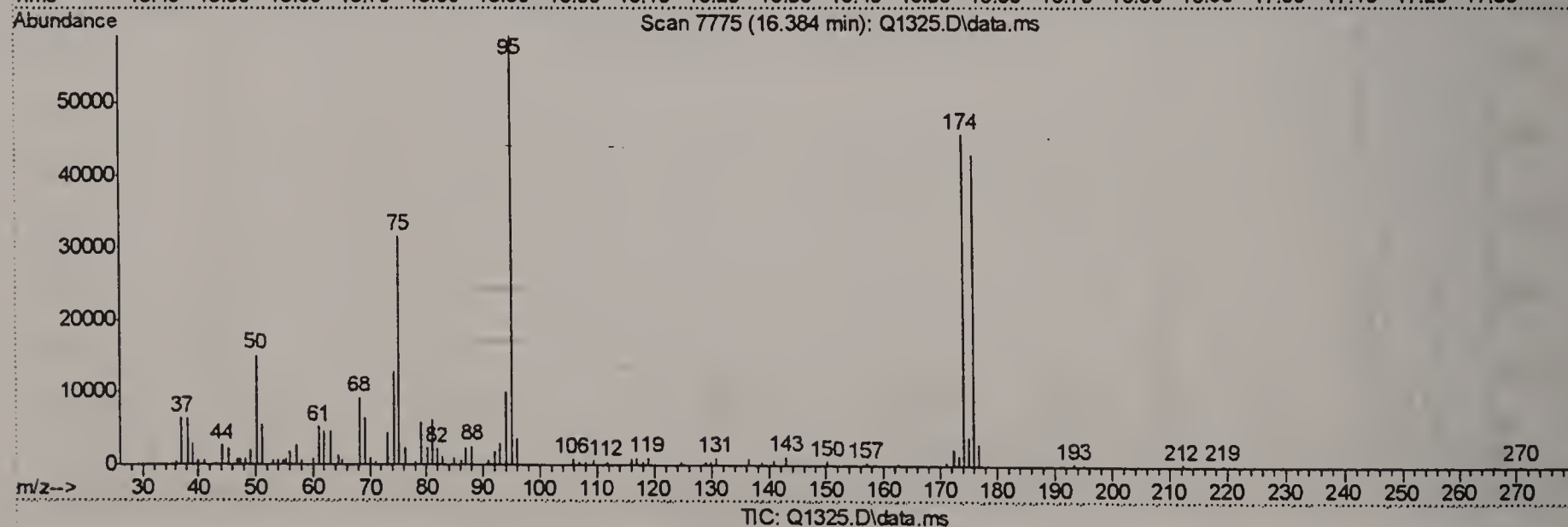
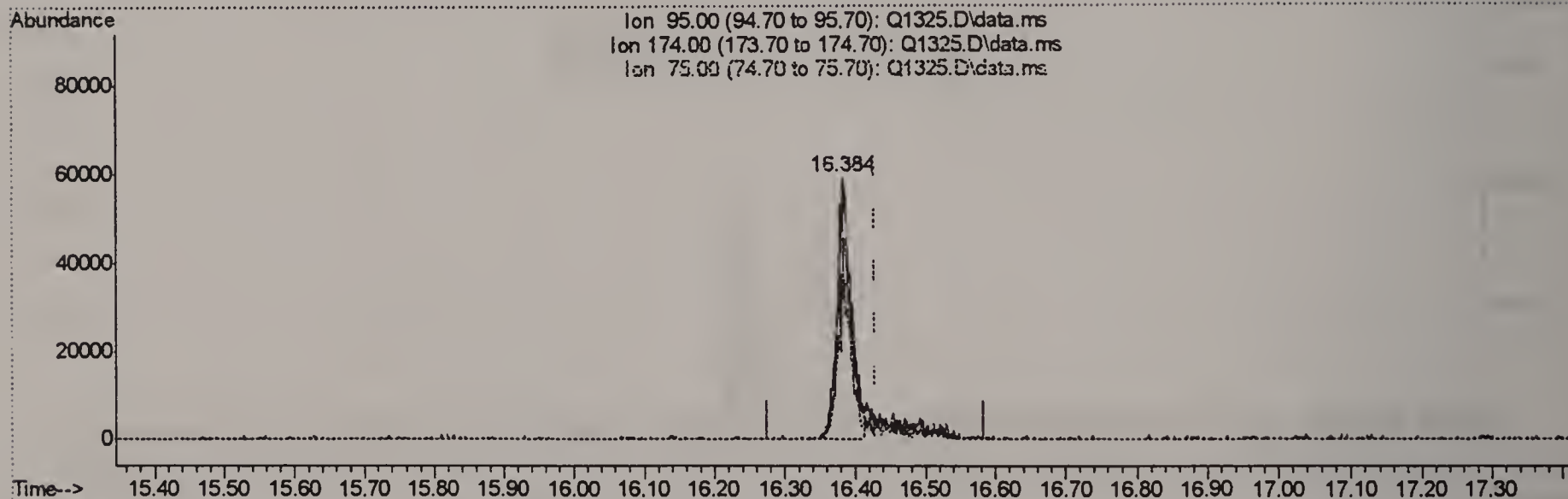
response 11002

Ion	Exp%	Act%
84.00	100	100
86.00	64.60	46.86
49.00	200.70	193.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1325.D
 Acq On : 8 Aug 2006 10:39 am
 Operator : PhilipB
 Sample : MB (M153)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 11:51:42 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 10:04:39 2006
 Response via : Initial Calibration



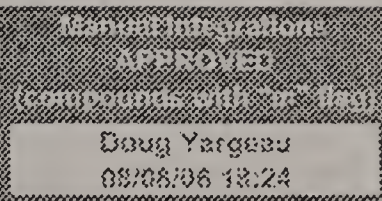
(61) 4-BROMOFLUOROBENZENE (S)

16.384min (-0.046) 2.80PPBV

response 86832

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	77.64
75.00	52.30	59.48
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:33 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	586635	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	1456860	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.764	117	940671	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.387	95	218675	4.63	PPBV	-0.04
Spiked Amount	5.000	Range	57 - 139	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	2349824	9.56	PPBV	99
3) PROPYLENE	3.975	41	422700	10.76	PPBV	96
4) FREON 114	4.310	85	2280375	9.77	PPBV	99
5) CHLOROMETHANE	4.205	50	491390	7.92	PPBV	99
6) VINYL CHLORIDE	4.436	62	596024	8.99	PPBV	97
7) 1,3-BUTADIENE	4.576	39	574912	9.96	PPBV #	80
8) BROMOMETHANE	4.857	94	613887	9.39	PPBV	96
9) CHLOROETHANE	5.036	64	275482	9.28	PPBV	99
10) TRICHLOROFLUOROMETHANE	5.822	101	2806937	9.58	PPBV	98
11) ISOPROPYL ALCOHOL	5.858	45	735724	10.42	PPBV	87
12) ACETONE	5.625	43	1058036	10.54	PPBV	88
13) PENTANE	6.175	42	581952	9.20	PPBV #	82
14) 1,1-DICHLOROETHYLENE	6.463	96	555599	9.08	PPBV	96
15) CARBON DISULFIDE	6.898	76	1610245	9.36	PPBV	90
16) ETHANOL	5.121	45	208450	9.71	PPBV #	71
17) BROMOETHENE	5.395	106	530472	9.99	PPBV #	89
18) METHYLENE CHLORIDE	6.580	84	500730	7.14	PPBV	85
19) 3-CHLOROPROPENE	6.697	39	850832	9.91	PPBV #	69
20) FREON 113	6.841	151	1541148	10.22	PPBV #	78
21) TRANS-1,2-DICHLOROETHY...	7.512	96	580316	9.08	PPBV	94
22) TERTIARY BUTYL ALCOHOL	6.468	59	478456	4.67	PPBV	93
23) METHYL TERTIARY BUTYL ...	7.755	73	1835845	11.50	PPBV	93
24) TETRAHYDROFURAN	9.191	42	451309	12.30	PPBV	78
25) HEXANE	8.717	57	961100	9.40	PPBV	90
26) VINYL ACETATE	7.831	43	1714152	10.85	PPBV	98
27) 1,1-DICHLOROETHANE	7.707	63	1317097	9.35	PPBV	95
28) METHYL ETHYL KETONE	8.074	43	1220545	9.57	PPBV	94
29) cis-1,2-DICHLOROETHYLENE	8.518	96	695088	9.63	PPBV #	88
30) ETHYL ACETATE	8.710	43	2159114	9.73	PPBV	99
31) CHLOROFORM	8.802	83	1921847	10.45	PPBV	95
32) 1,1,1-TRICHLOROETHANE	9.760	97	1305315	10.72	PPBV	97
33) CARBON TETRACHLORIDE	10.344	117	1474261	10.49	PPBV	98
34) 1,2-DICHLOROETHANE	9.516	62	750732	10.65	PPBV	98
36) BENZENE	10.204	78	1395726	11.21	PPBV	94
37) CYCLOHEXANE	10.465	84	555177	9.69	PPBV #	69
38) TRICHLOROETHYLENE	11.200	95	645487	10.46	PPBV	95
39) 1,2-DICHLOROPROPANE	10.980	63	481085	10.88	PPBV	91
40) BROMODICHLOROMETHANE	11.163	83	990149	10.46	PPBV	97
41) 2,2,4-TRIMETHYLPENTANE	11.225	57	2351375	10.30	PPBV	99
42) 1,4-DIOXANE	11.193	88	202943	10.76	PPBV #	76
43) HEPTANE	11.462	43	812252	10.72	PPBV	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : Q1323A.D
Acq On : 8 Aug 2006 9:03 am
Operator : PhilipB
Sample : BS (D011)
Misc : MS11934,MSQ69,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:33 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration

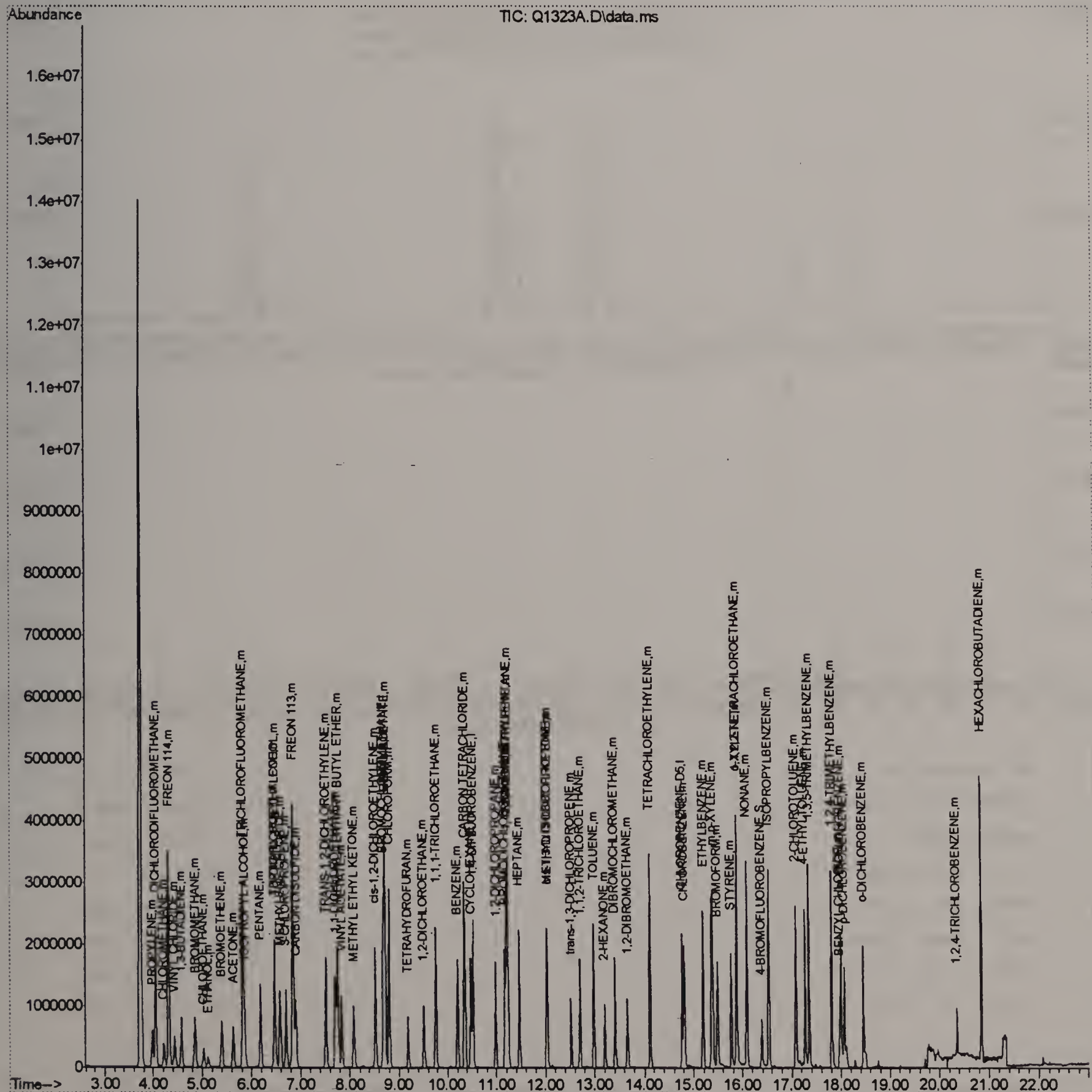
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) METHYL ISOBUTYL KETONE	12.034	43	880344	10.03	PPBV	98
45) cis-1,3-DICHLOROPROPENE	12.018	75	664541	11.46	PPBV	98
46) TOLUENE	12.978	92	842438	12.14	PPBV	95
47) trans-1,3-DICHLOROPROPENE	12.518	75	468566	12.01	PPBV	98
48) 1,1,2-TRICHLOROETHANE	12.698	83	399570	10.85	PPBV	96
50) 2-HEXANONE	13.202	43	666263	11.09	PPBV	97
51) TETRACHLOROETHYLENE	14.112	164	591856	11.99	PPBV	89
52) DIBROMOCHLOROMETHANE	13.409	129	713720	11.57	PPBV	100
53) 1,2-DIBROMOETHANE	13.656	107	586019	11.50	PPBV	96
54) CHLOROBENZENE	14.808	112	832945	11.14	PPBV	96
55) ETHYLBENZENE	15.188	91	1625931	12.60	PPBV	99
56) m,p-XYLENE	15.385	106	1166591m	24.23	PPBV	
57) o-XYLENE	15.880	106	587788	12.17	PPBV	99
58) STYRENE	15.765	104	732112	13.24	PPBV	96
59) NONANE	16.082	43	1198914	11.25	PPBV	90
60) BROMOFORM	15.482	173	677712	12.40	PPBV	99
62) 1,1,2,2-TETRACHLOROETHANE	15.869	83	915772	11.12	PPBV	95
63) ISOPROPYLBENZENE	16.529	105	1818269	12.01	PPBV	97
64) 2-CHLOROTOLUENE	17.074	91	1277528	12.08	PPBV	99
65) 4-ETHYLTOLUENE	17.262	105	1343989	10.94	PPBV	98
66) 1,3,5-TRIMETHYLBENZENE	17.348	105	1502584	12.44	PPBV	98
67) 1,2,4-TRIMETHYLBENZENE	17.811	105	1408738	11.10	PPBV	95
68) m-DICHLOROBENZENE	17.994	146	676619	12.26	PPBV	97
69) BENZYL CHLORIDE	17.969	91	563392	10.26	PPBV	99
70) p-DICHLOROBENZENE	18.068	146	670373	11.93	PPBV	75
71) o-DICHLOROBENZENE	18.453	146	690709	12.32	PPBV	95
72) HEXACHLOROBUTADIENE	20.842	225	542034	10.40	PPBV	98
73) 1,2,4-TRICHLOROBENZENE	20.354	180	152384	11.27	PPBV	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\  
Data File : Q1323A.D  
Acq On    : 8 Aug 2006    9:03 am  
Operator  : PhilipB  
Sample    : BS (D011)  
Misc      : MS11934,MSQ69,,,,,1  
ALS Vial  : 3    Sample Multiplier: 1
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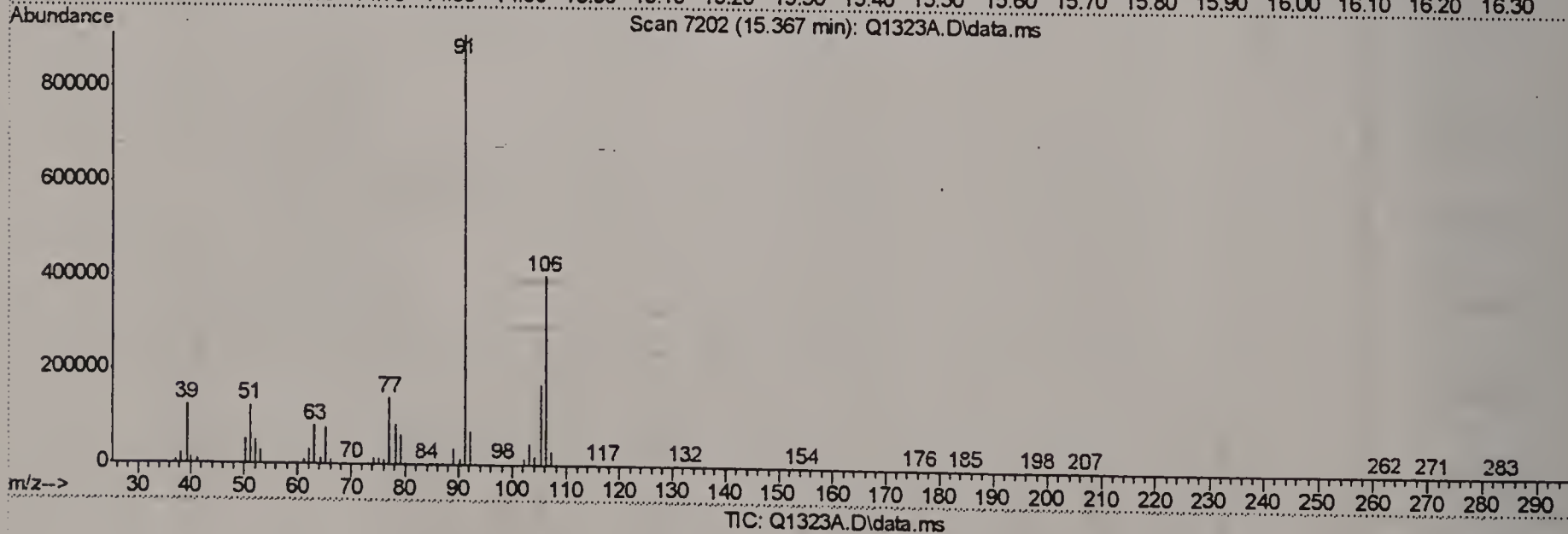
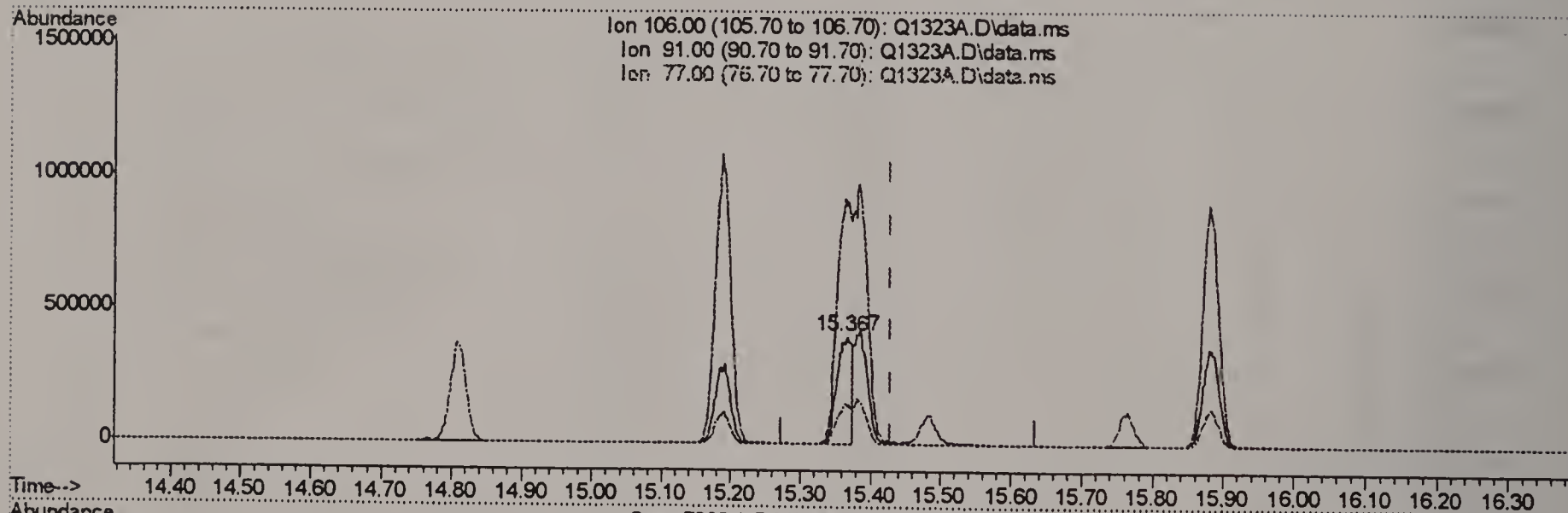
Quant Time: Aug 08 09:31:33 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 09:26:45 2006
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



(56) m,p-XYLENE (m)

15.367min (-0.062) 12.46PPBV

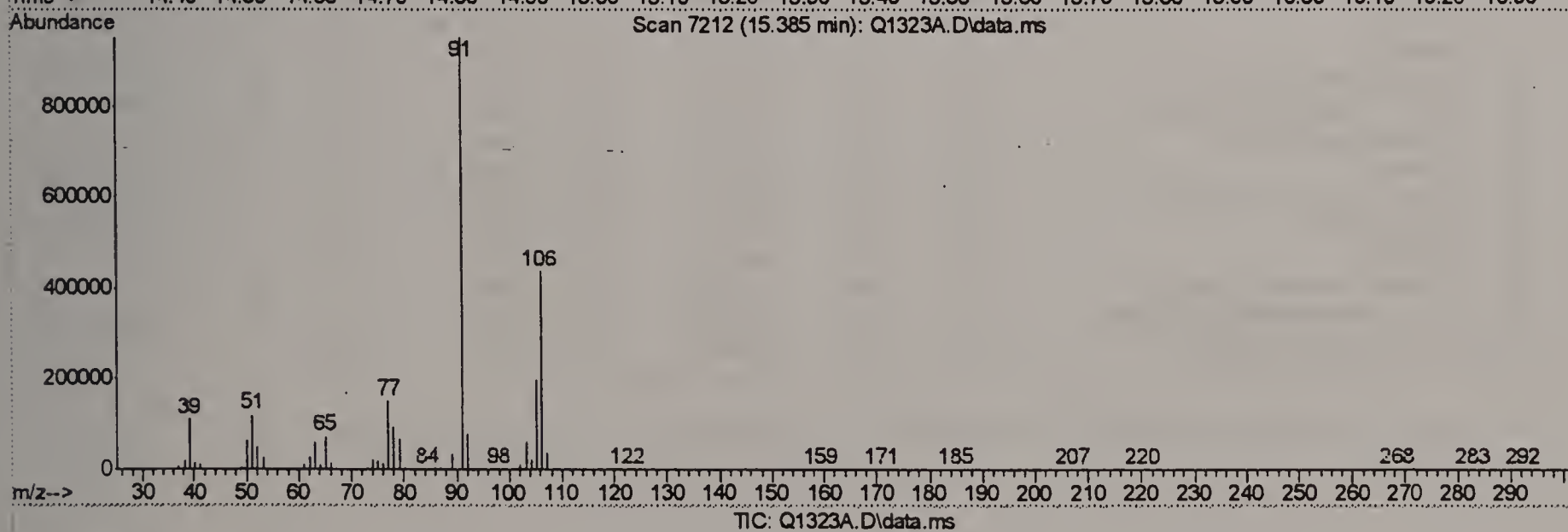
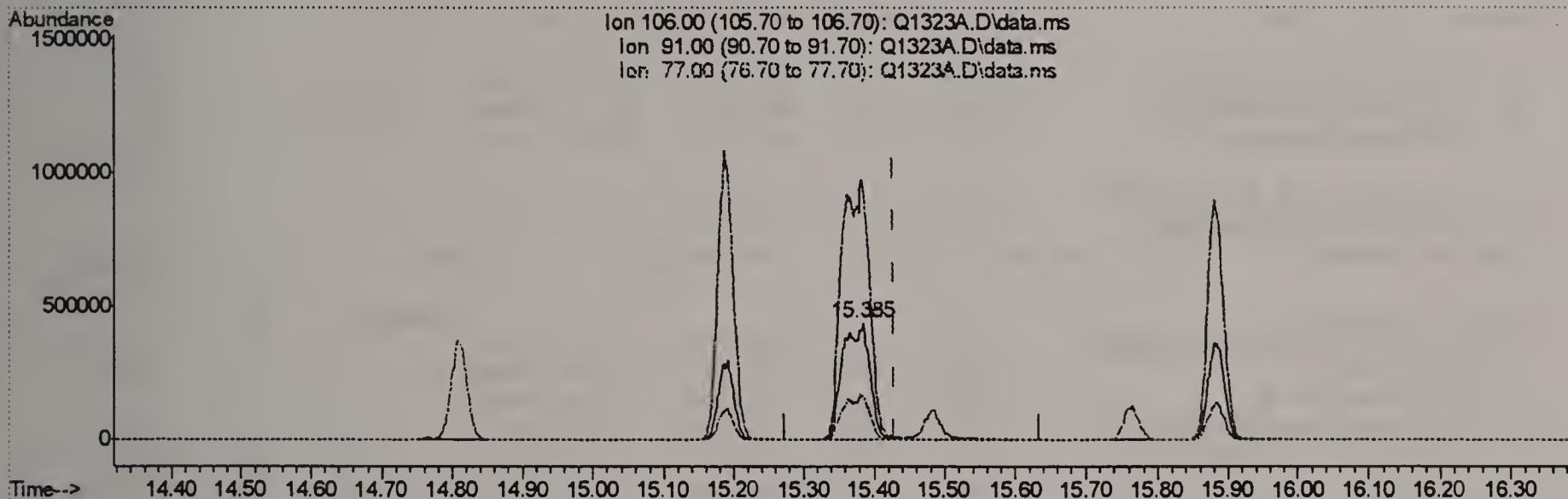
response 599830

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	226.15
77.00	31.80	34.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1323A.D
 Acq On : 8 Aug 2006 9:03 am
 Operator : PhilipB
 Sample : BS (D011)
 Misc : MS11934,MSQ69,,,,,1
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 08 09:31:12 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 09:26:45 2006
 Response via : Initial Calibration



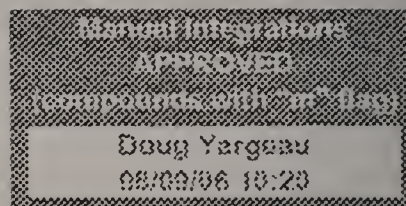
(56) m,p-XYLENE (m)

15.385min (-0.044) 24.23PPBV m

response 1166591

Ion	Exp%	Act%
106.00	100	100
91.00	228.40	217.56
77.00	31.80	35.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)



Data Path : C:\msdchem\1\DATA\
Data File : Q1336.D
Acq On : 8 Aug 2006 7:57 pm
Operator : PhilipB
Sample : M58073-3dup (M161)
Misc : MS11934, MSQ69,,,,,1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:18:45 2006
Quant Method : C:\msdchem\1\METHODS\Q080706T.m
Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
QLast Update : Tue Aug 08 17:20:41 2006
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	8.683	128	442111	10.00	PPBV	-0.05
35) 1,4-DIFLUOROBENZENE	10.518	114	998713	10.00	PPBV	-0.05
49) CHLOROBENZENE-D5	14.762	117	596011	10.00	PPBV	-0.05

System Monitoring Compounds

61) 4-BROMOFLUOROBENZENE	16.382	95	100561m	3.36	PPBV	-0.05
Spiked Amount	5.000	Range	57 - 139	Recovery	=	67.20%

Target Compounds

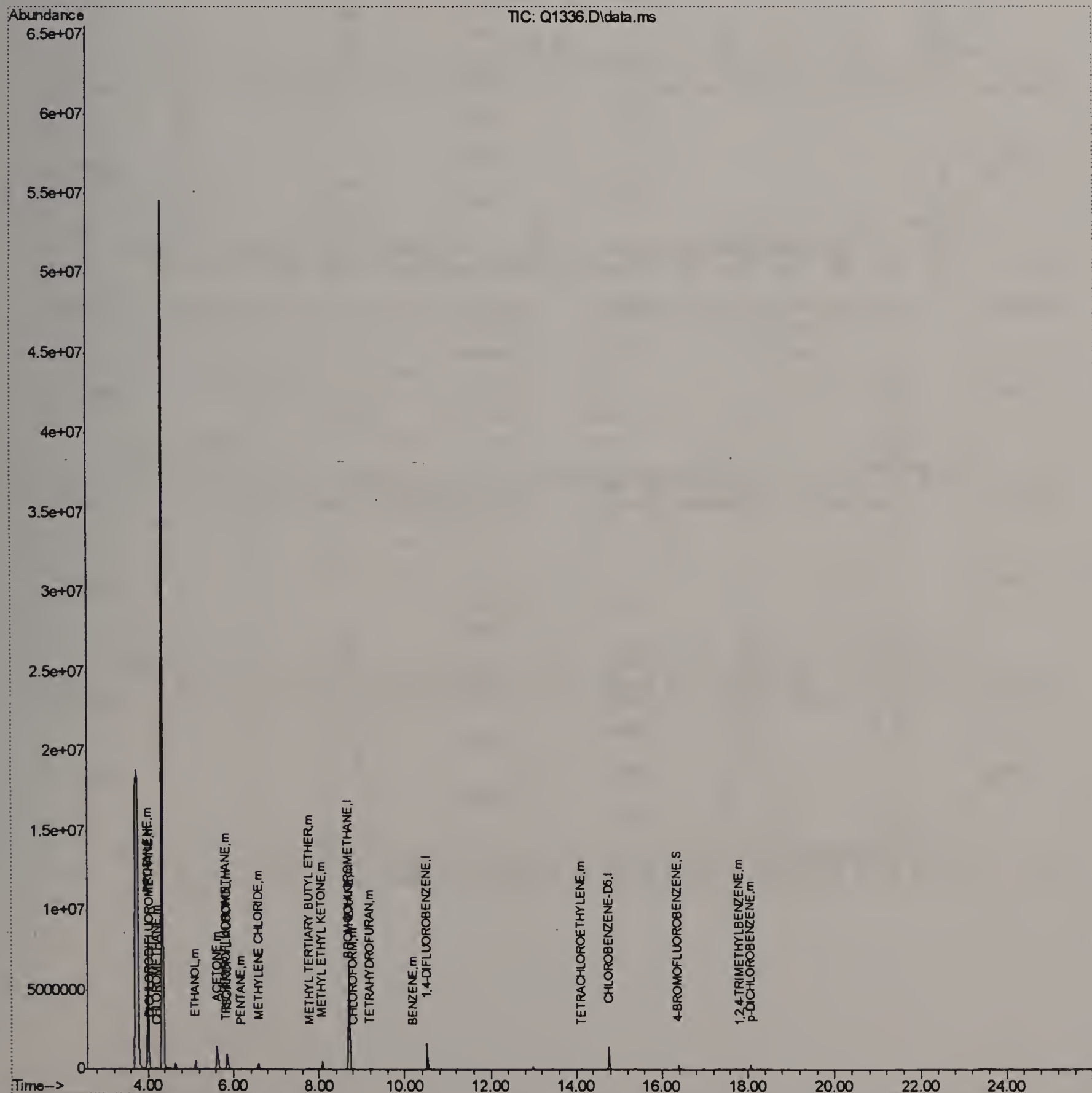
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) DICHLORODIFLUOROMETHANE	4.042	85	121463	0.66	PPBV	98
3) PROPYLENE	3.998	41	2337110	78.97	PPBV #	17
5) CHLOROMETHANE	4.211	50	24420m	0.52	PPBV	
10) TRICHLOROFLUOROMETHANE	5.824	101	62303	0.28	PPBV	95
11) ISOPROPYL ALCOHOL	5.854	45	1231329	23.14	PPBV	83
12) ACETONE	5.622	43	2413418	31.91	PPBV	88
13) PENTANE	6.186	42	23192	0.49	PPBV #	17
16) ETHANOL	5.116	45	715706	44.22	PPBV	94
18) METHYLENE CHLORIDE	6.577	84	151681	2.87	PPBV	87
23) METHYL TERTIARY BUTYL ...	7.760	73	52220	0.43	PPBV	88
24) TETRAHYDROFURAN	9.191	42	56364	2.04	PPBV	83
25) HEXANE	8.719	57	33824	0.44	PPBV #	1
28) METHYL ETHYL KETONE	8.073	43	684128	7.12	PPBV	94
31) CHLOROFORM	8.806	83	30005	0.22	PPBV	92
36) BENZENE	10.204	78	18933	0.22	PPBV	94
51) TETRACHLOROETHYLENE	14.114	164	15504m	0.50	PPBV	
67) 1,2,4-TRIMETHYLBENZENE	17.813	105	11942	0.35	PPBV	88
70) p-DICHLOROBENZENE	18.070	146	117876	3.31	PPBV	86

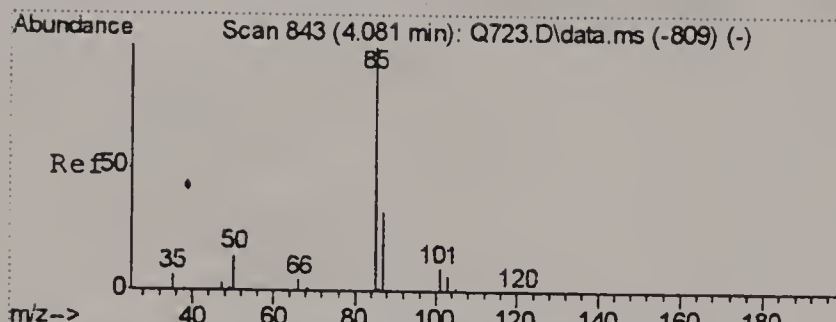
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

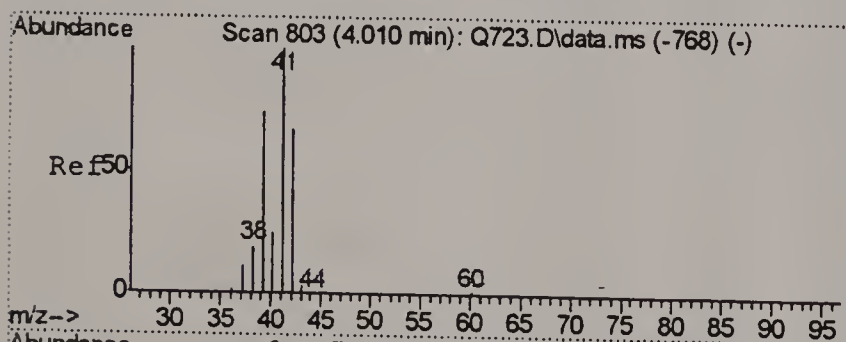
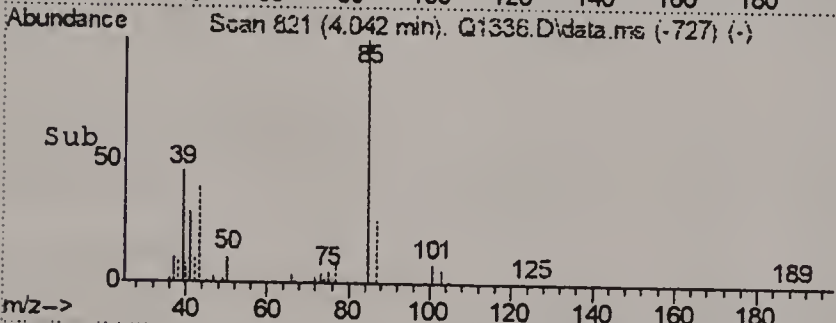
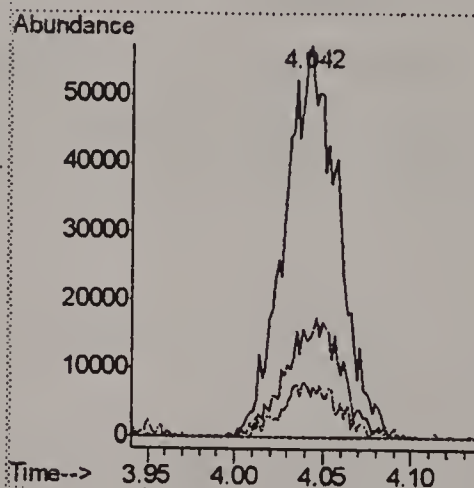
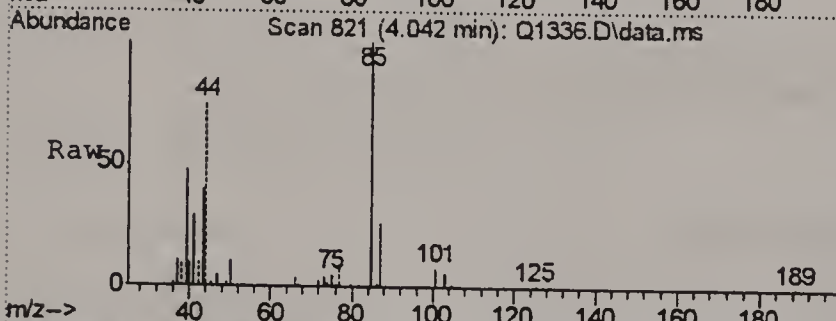
Quant Time: Aug 09 09:18:45 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration





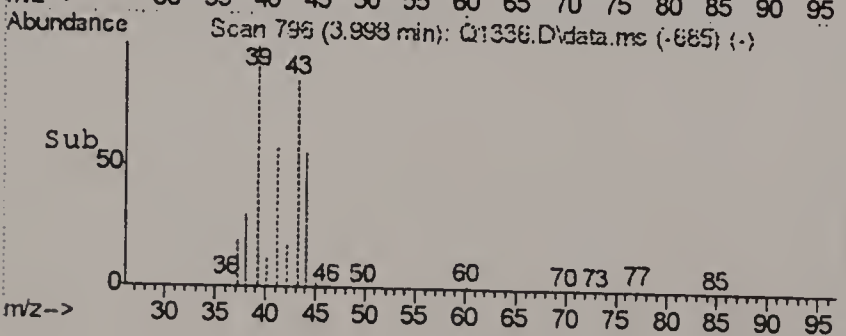
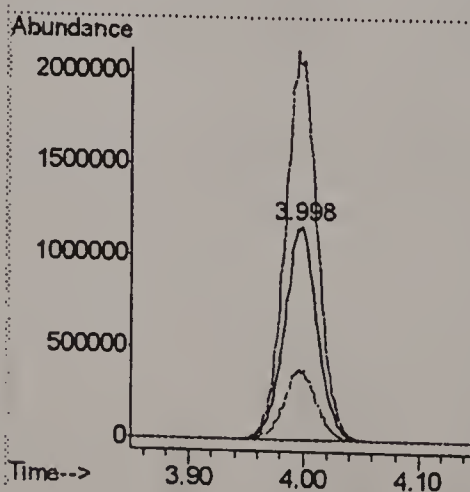
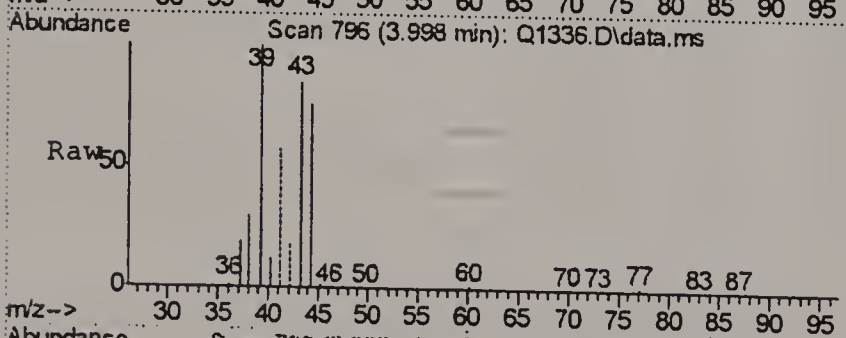
#2
 DICHLORODIFLUOROMETHANE
 Concen: 0.66 PPBV
 RT: 4.042 min Scan# 821
 Delta R.T. -0.039 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

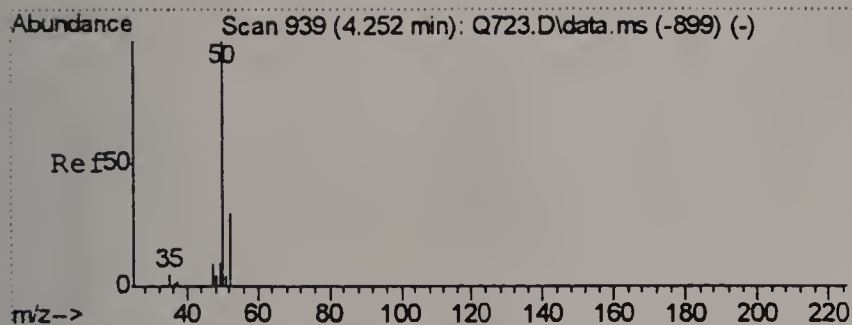
Tgt Ion:	85	Resp:	121463
Ion Ratio	Lower	Upper	
85	100		
87	31.3	11.9	51.9
50	13.6	0.0	35.5



#3
 PROPYLENE
 Concen: 78.97 PPBV
 RT: 3.998 min Scan# 796
 Delta R.T. -0.009 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

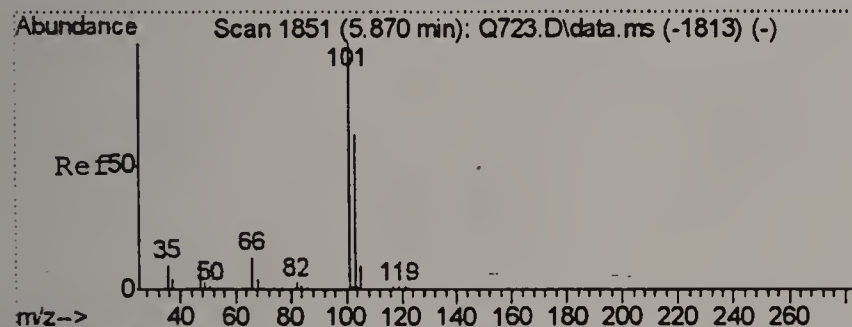
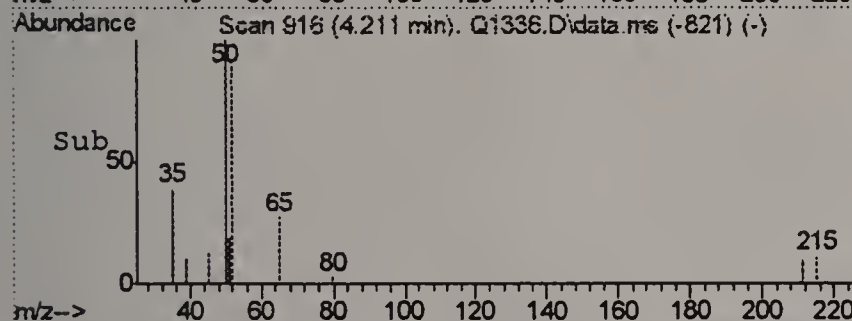
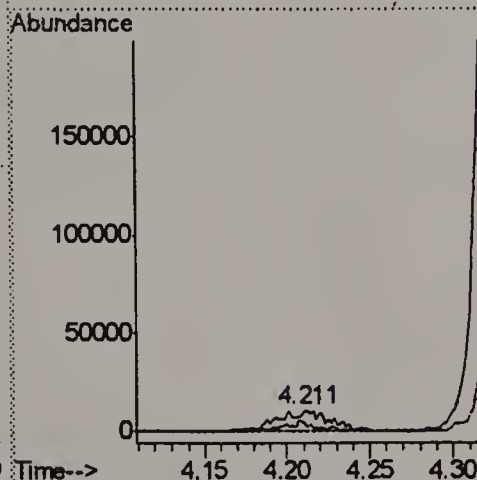
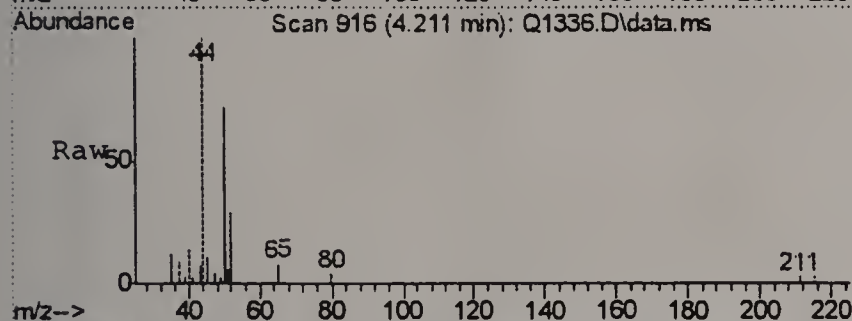
Tgt Ion:	41	Resp:	2337110
Ion Ratio	Lower	Upper	
41	100		
39	175.4	55.3	95.3#
42	32.0	46.8	86.8#





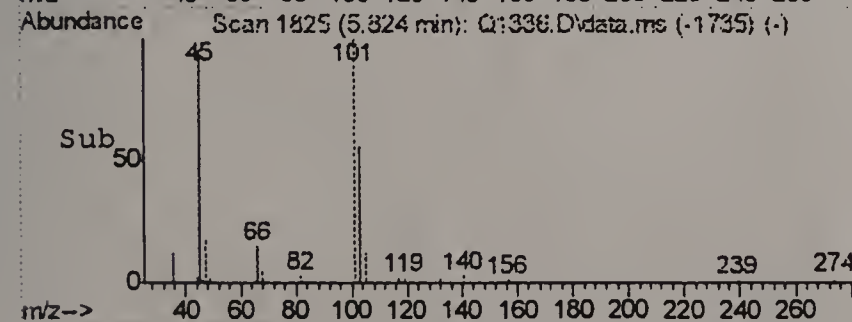
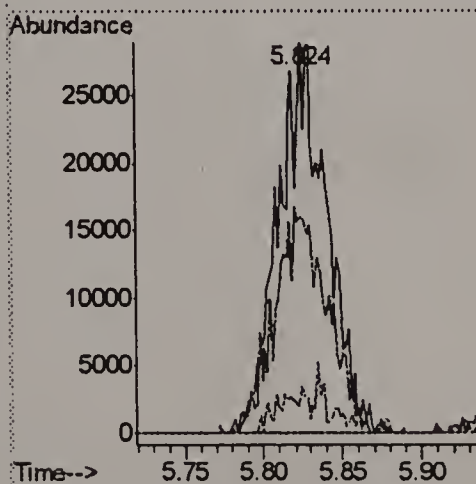
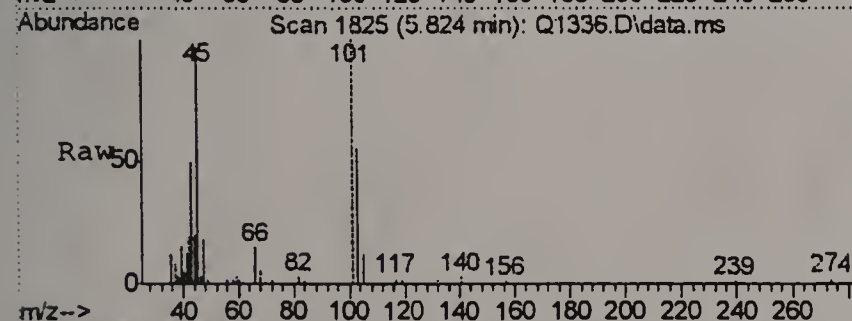
#5
 CHLOROMETHANE
 Concen: 0.52 PPBV m
 RT: 4.211 min Scan# 916
 Delta R.T. -0.038 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

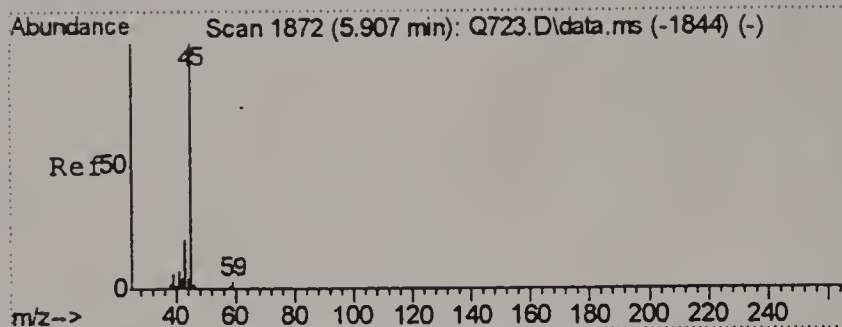
Tgt Ion: 50 Resp: 24420
 Ion Ratio Lower Upper
 50 100
 52 39.6 9.7 49.7



#10
 TRICHLOROFLUOROMETHANE
 Concen: 0.28 PPBV
 RT: 5.824 min Scan# 1825
 Delta R.T. -0.046 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

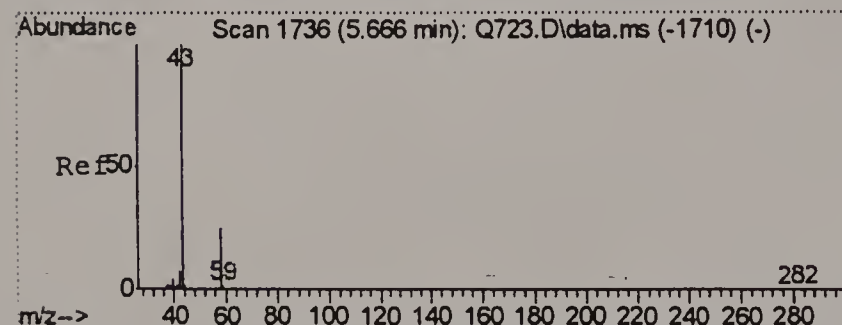
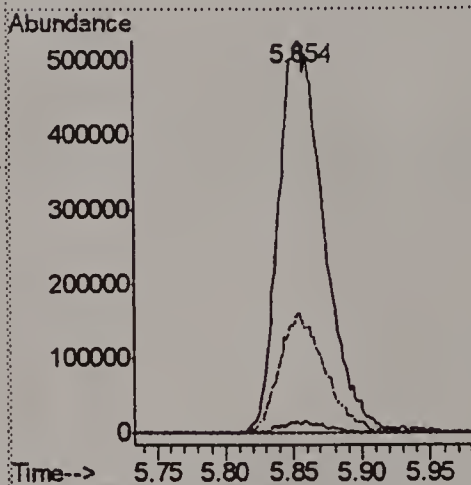
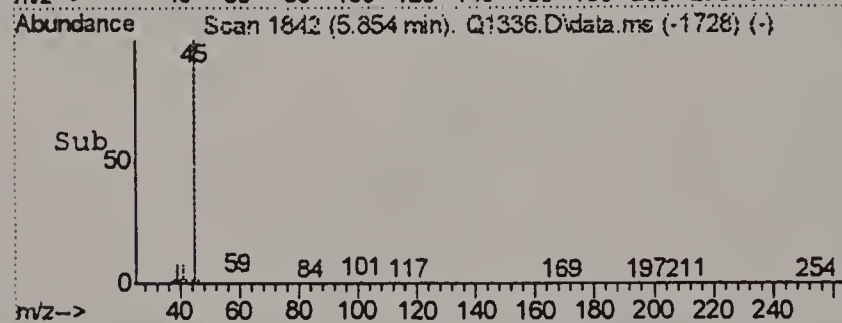
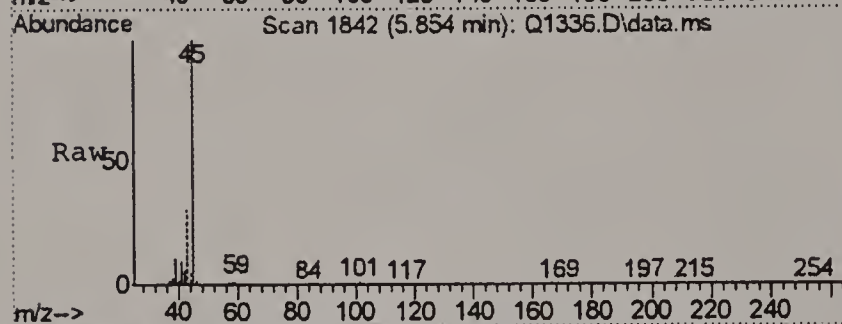
Tgt Ion: 101 Resp: 62303
 Ion Ratio Lower Upper
 101 100
 103 61.7 44.3 84.3
 105 4.6 0.0 30.4





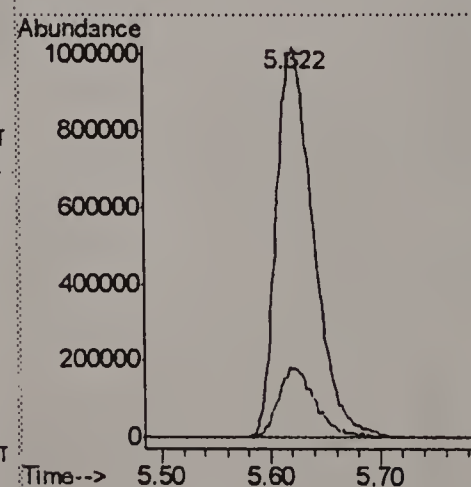
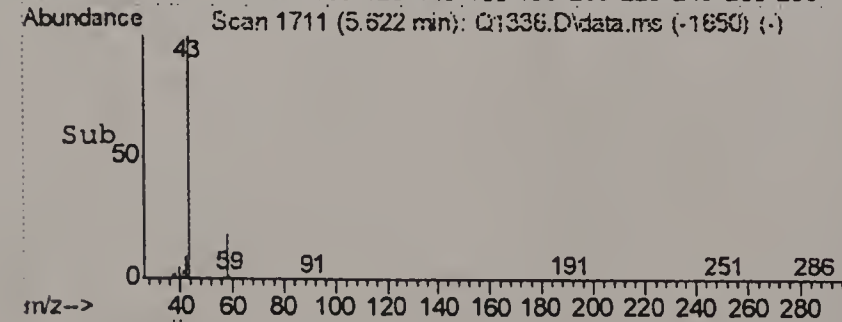
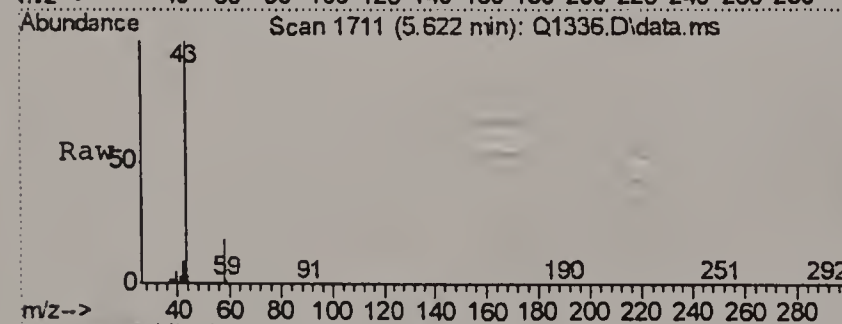
#11
ISOPROPYL ALCOHOL
Concen: 23.14 PPBV
RT: 5.854 min Scan# 1842
Delta R.T. -0.056 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

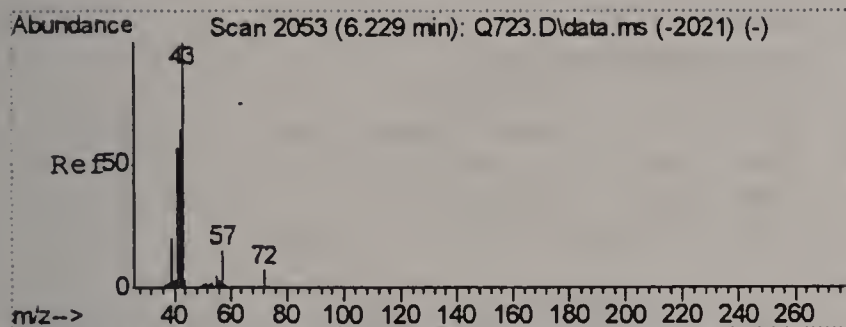
Tgt Ion: 45 Resp: 1231329
Ion Ratio Lower Upper
45 100
59 2.3 0.0 23.5
43 30.6 1.6 41.6



#12
ACETONE
Concen: 31.91 PPBV
RT: 5.622 min Scan# 1711
Delta R.T. -0.047 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

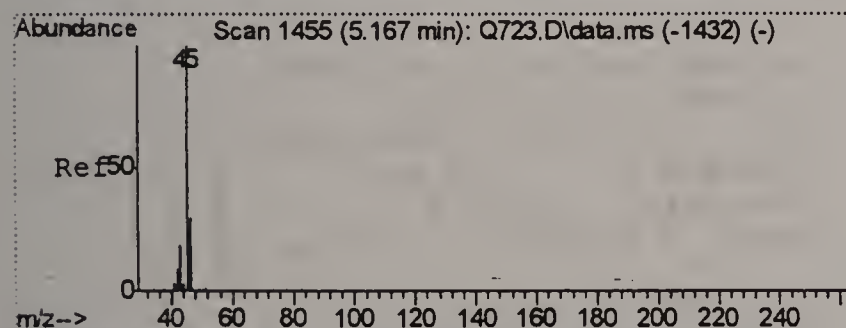
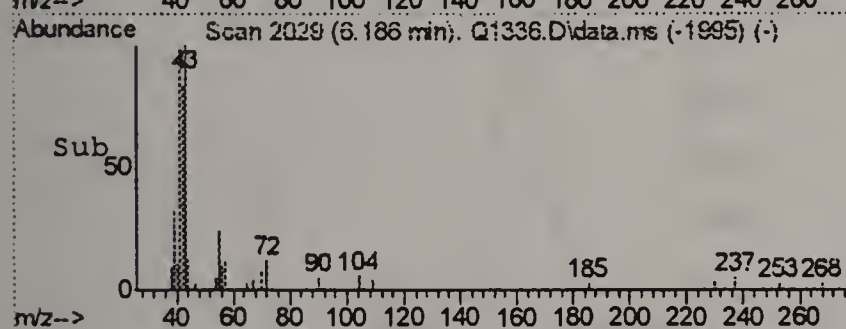
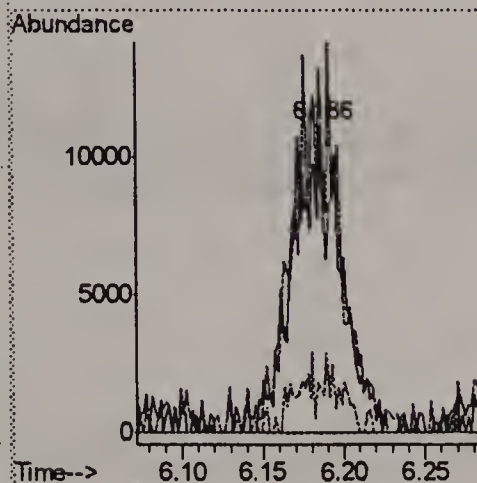
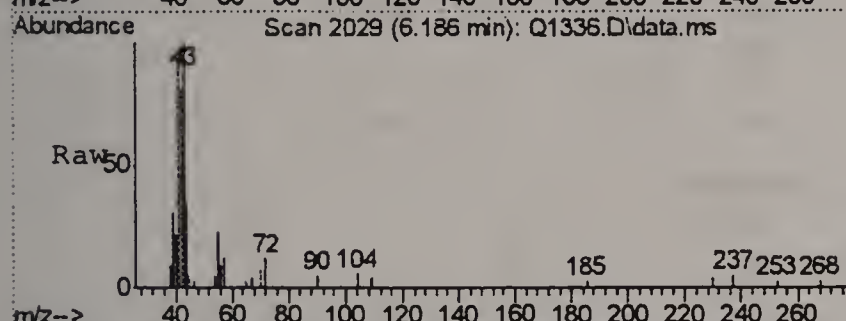
Tgt Ion: 43 Resp: 2413418
Ion Ratio Lower Upper
43 100
58 18.3 4.1 44.1





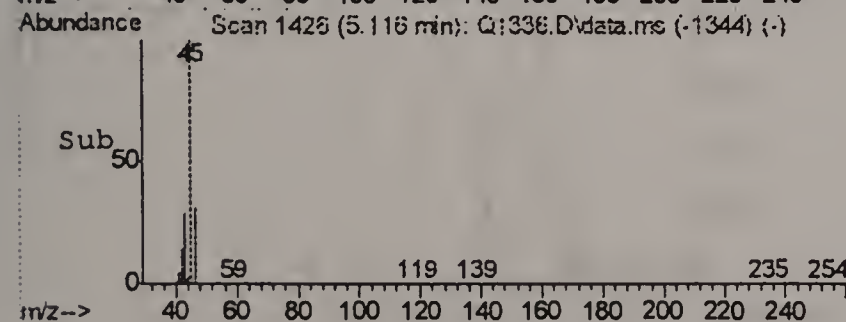
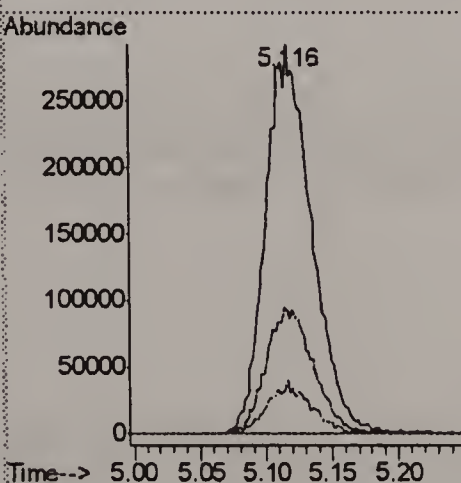
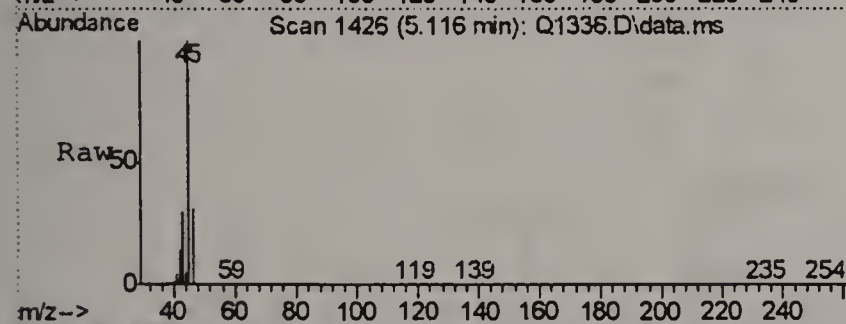
#13
PENTANE
Concen: 0.49 PPBV
RT: 6.186 min Scan# 2029
Delta R.T. -0.042 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

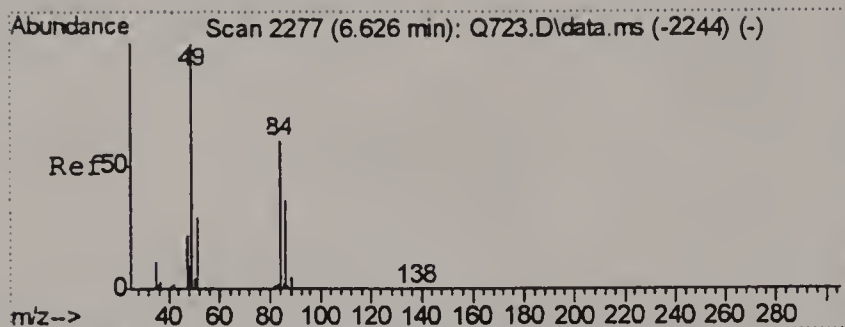
Tgt Ion: 42 Resp: 23192
Ion Ratio Lower Upper
42 100
41 0.0 72.2 112.2#
57 9.7 1.9 41.9



#16
ETHANOL
Concen: 44.22 PPBV
RT: 5.116 min Scan# 1426
Delta R.T. -0.060 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

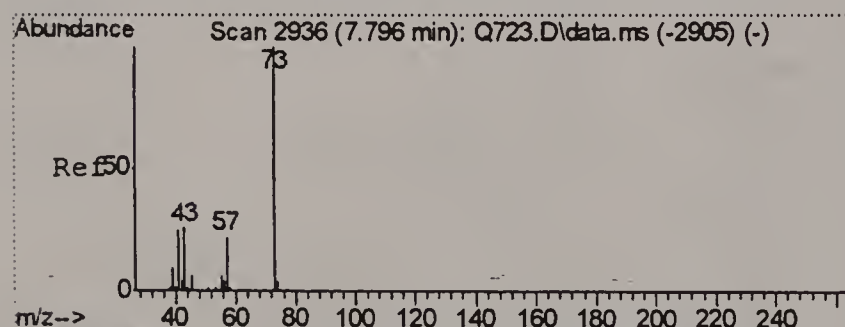
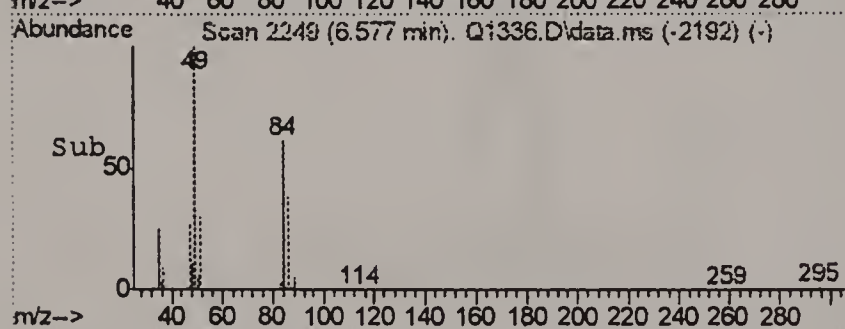
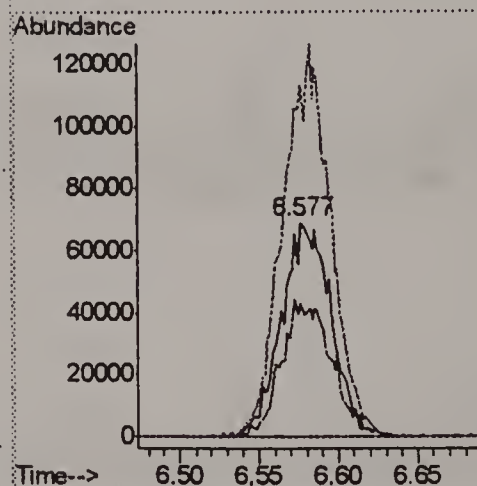
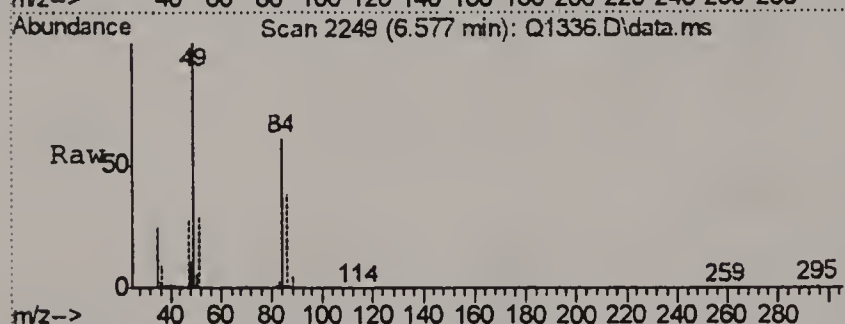
Tgt Ion: 45 Resp: 715706
Ion Ratio Lower Upper
45 100
46 33.4 16.4 56.4
42 12.7 0.0 28.8





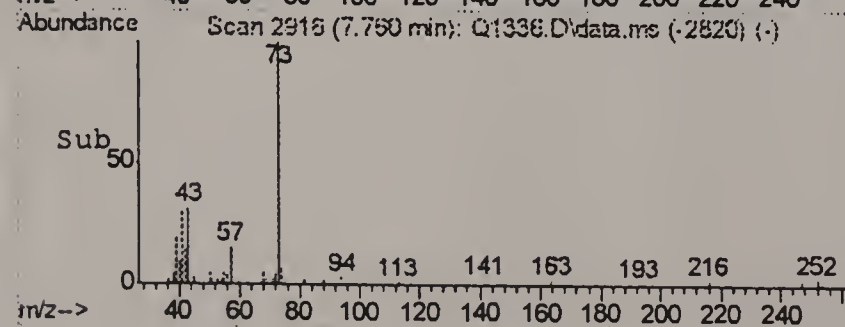
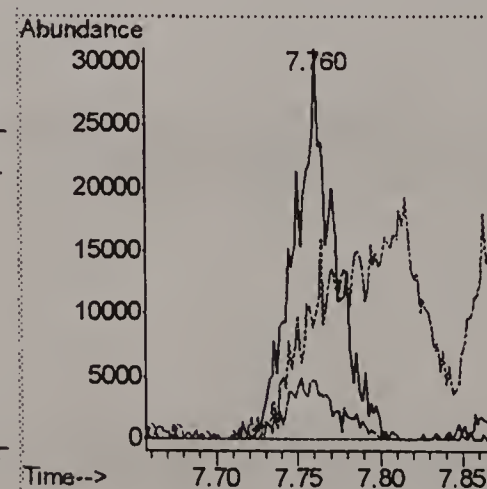
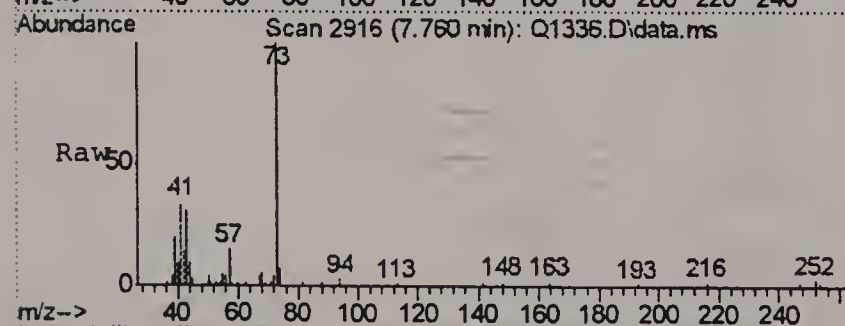
#18
 METHYLENE CHLORIDE
 Concen: 2.87 PPBV
 RT: 6.577 min Scan# 2249
 Delta R.T. -0.049 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

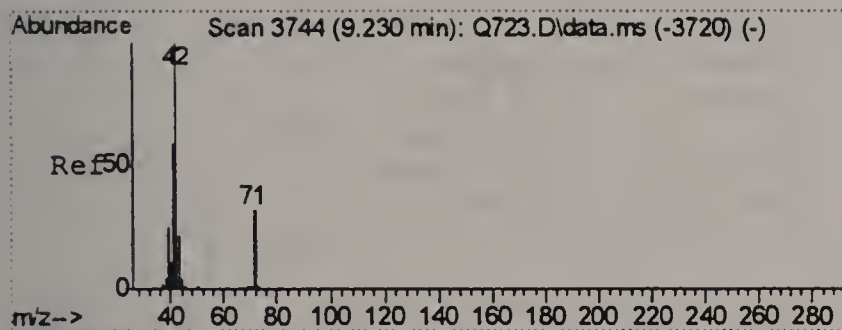
Tgt Ion	Ratio	Lower	Upper
84	100		
86	64.6	44.6	84.6
49	174.2	0.7	400.7



#23
 METHYL TERTIARY BUTYL ETHER
 Concen: 0.43 PPBV
 RT: 7.760 min Scan# 2916
 Delta R.T. -0.035 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

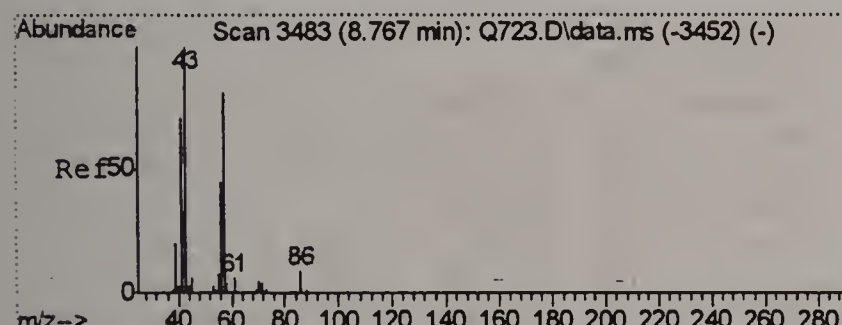
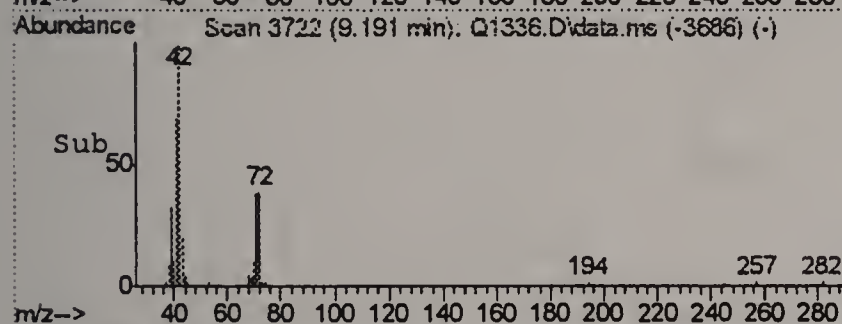
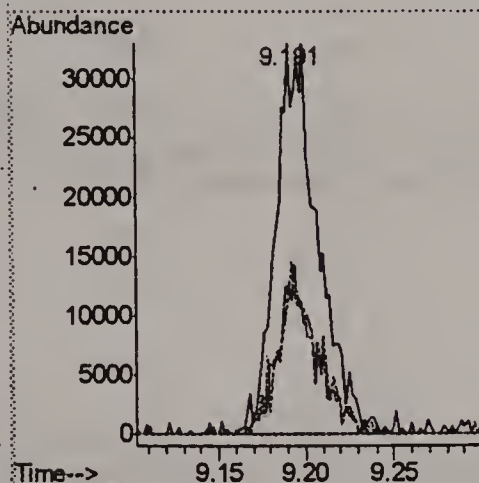
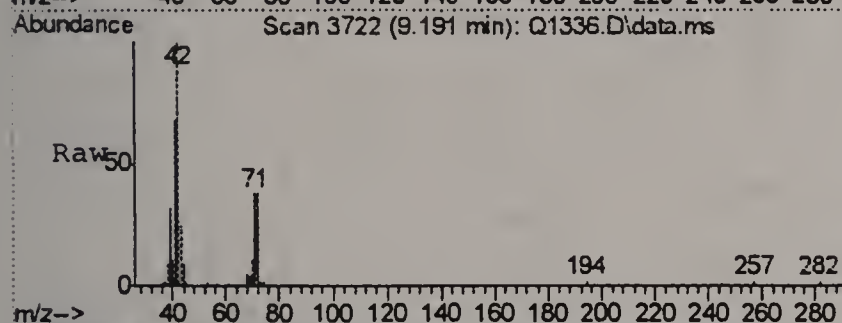
Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.2	4.1	44.1
43	36.3	9.0	49.0





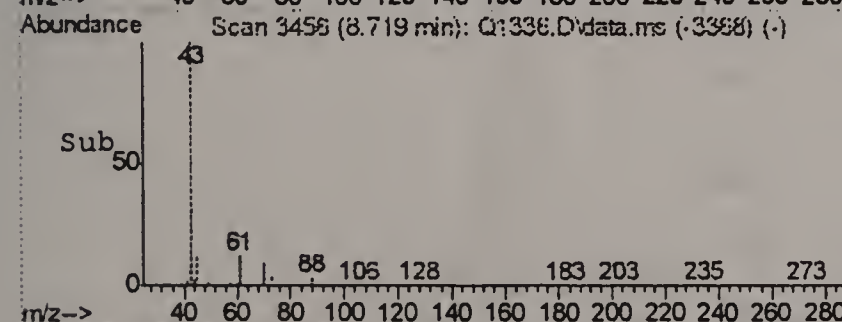
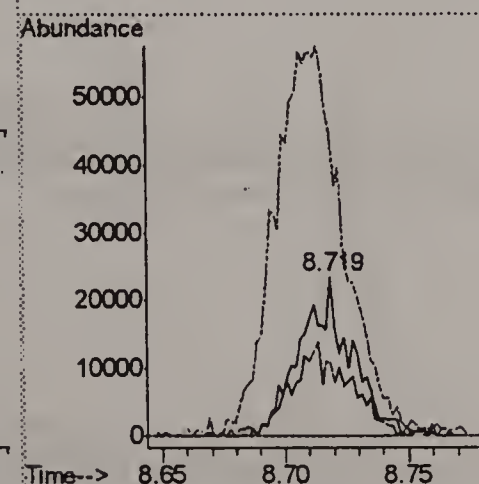
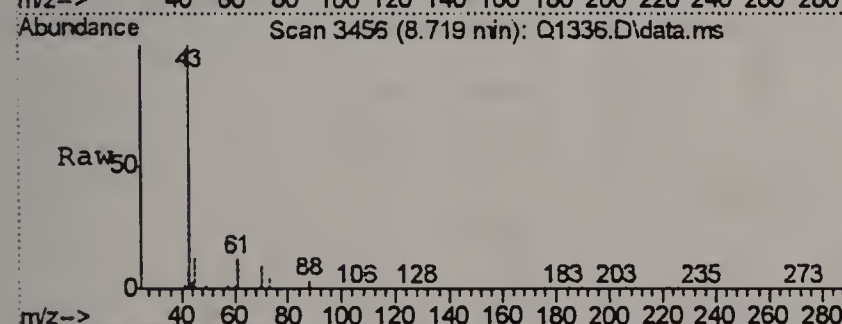
#24
TETRAHYDROFURAN
Concen: 2.04 PPBV
RT: 9.191 min Scan# 3722
Delta R.T. -0.039 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

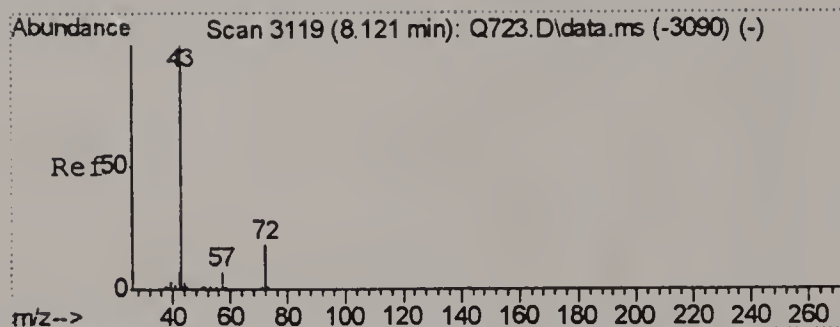
Tgt Ion: 42 Resp: 56364
Ion Ratio Lower Upper
42 100
72 37.7 9.7 49.7
71 38.4 8.6 48.6



#25
HEXANE
Concen: 0.44 PPBV
RT: 8.719 min Scan# 3456
Delta R.T. -0.049 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

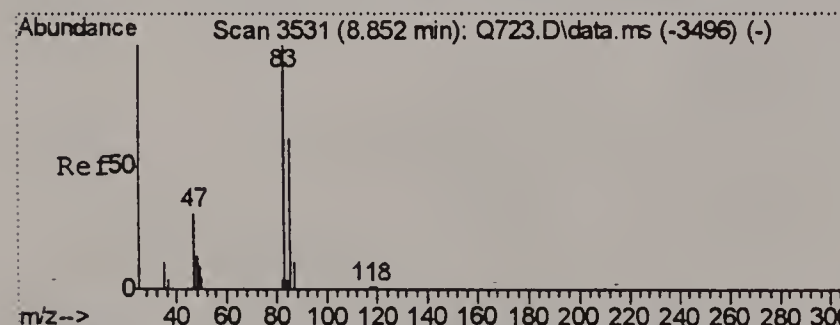
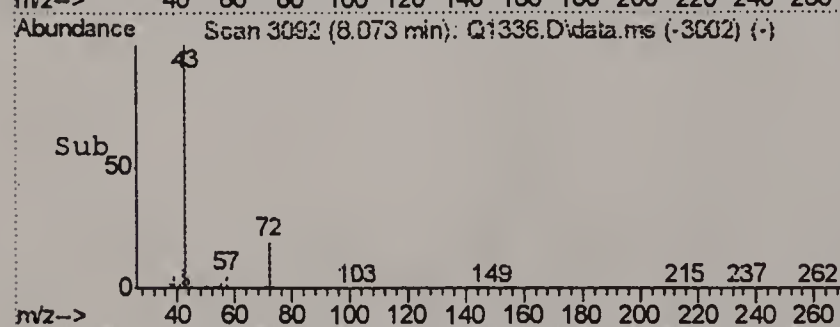
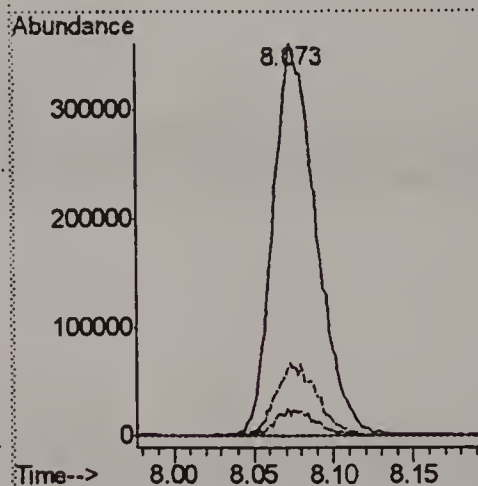
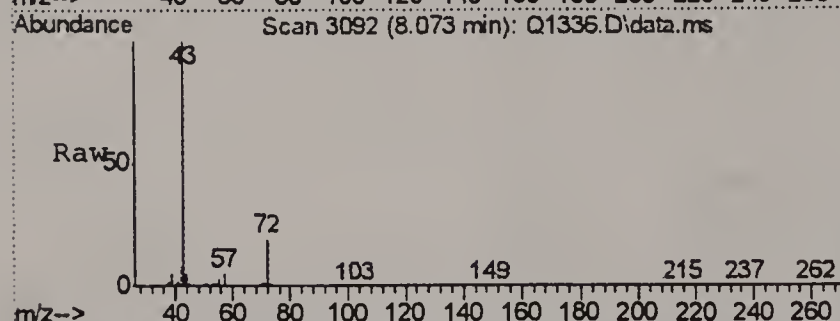
Tgt Ion: 57 Resp: 33824
Ion Ratio Lower Upper
57 100
56 36.2 35.6 75.6
41 326.6 71.4 111.4#





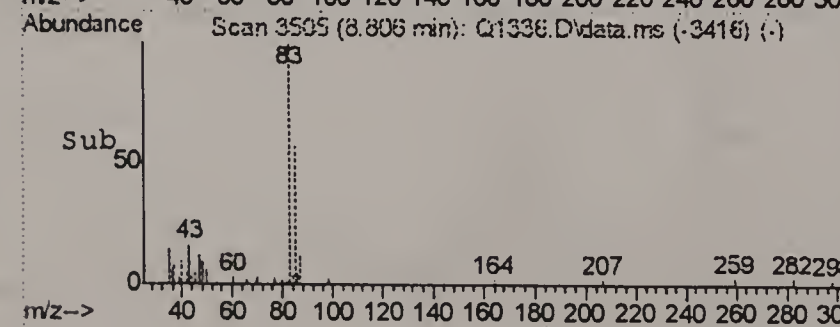
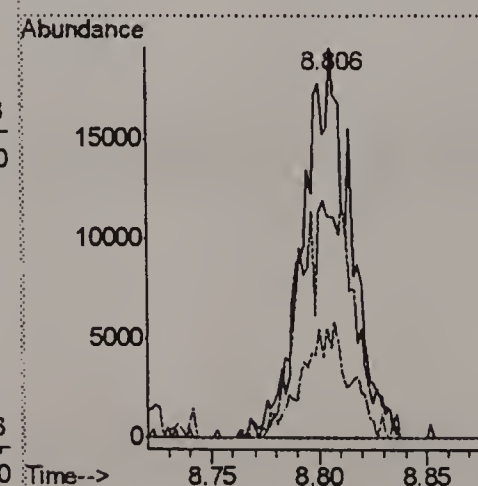
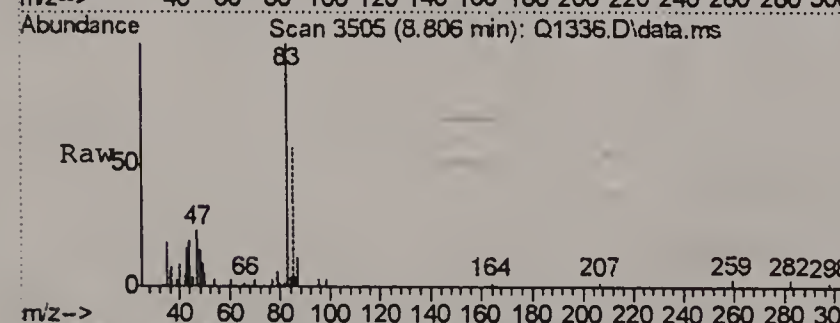
#28
METHYL ETHYL KETONE
Concen: 7.12 PPBV
RT: 8.073 min Scan# 3092
Delta R.T. -0.046 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

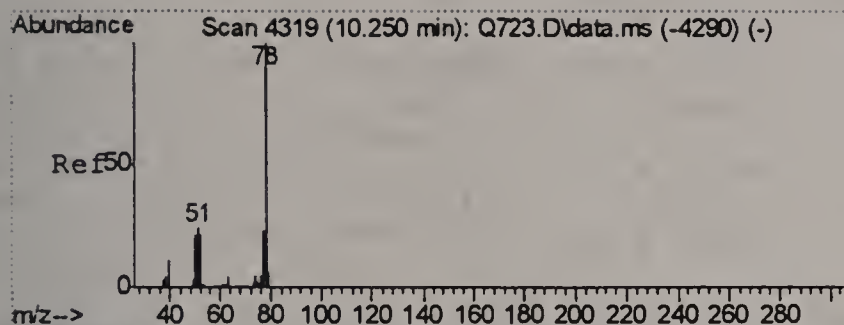
Tgt Ion: 43 Resp: 684128
Ion Ratio Lower Upper
43 100
57 5.4 0.0 26.7
72 19.0 0.0 36.0



#31
CHLOROFORM
Concen: 0.22 PPBV
RT: 8.806 min Scan# 3505
Delta R.T. -0.048 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

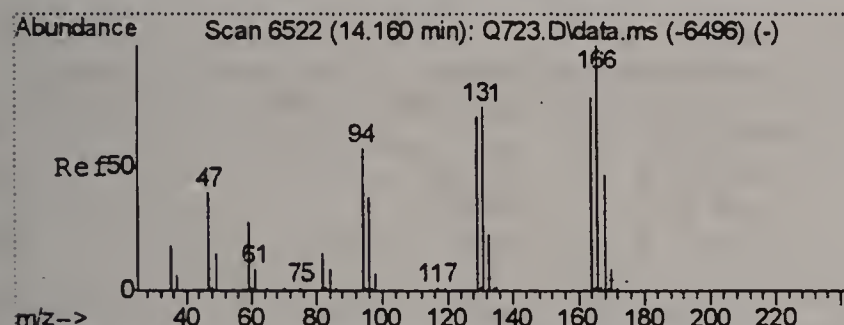
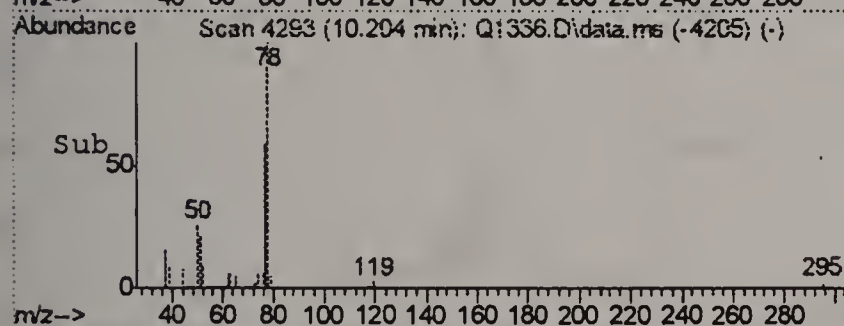
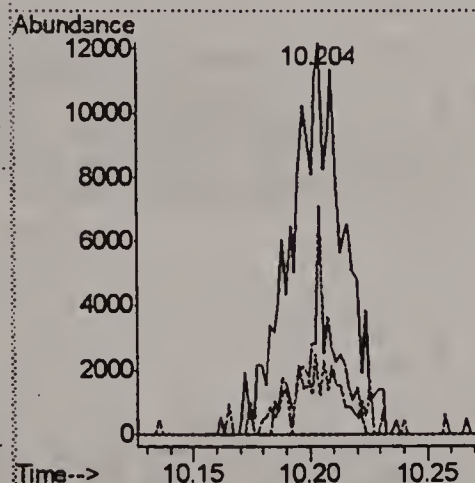
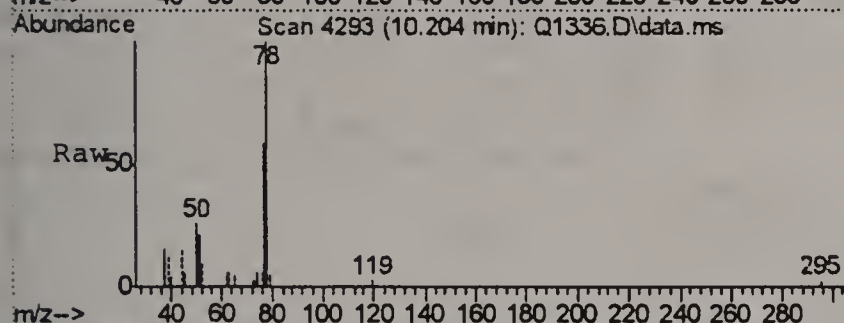
Tgt Ion: 83 Resp: 30005
Ion Ratio Lower Upper
83 100
85 72.3 44.8 84.8
47 30.1 13.7 53.7





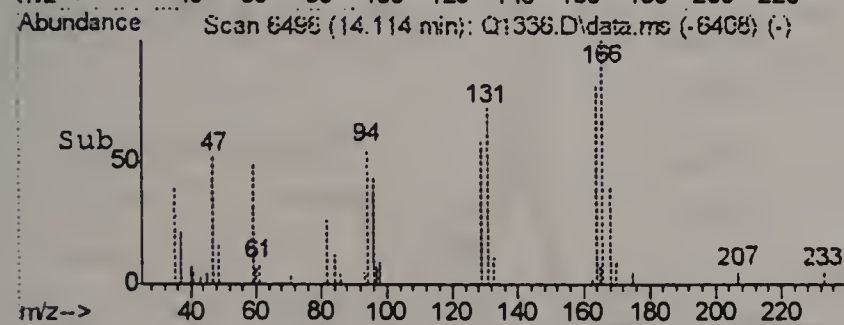
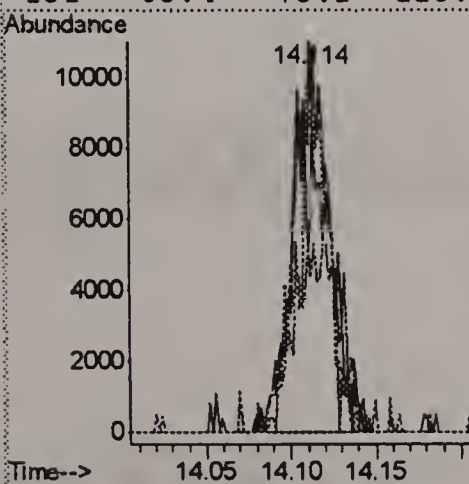
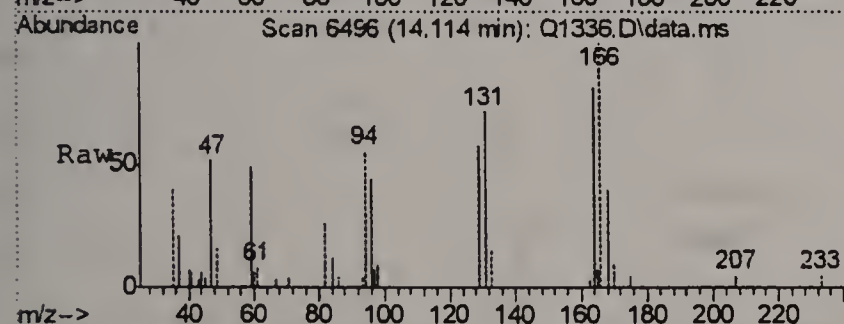
#36
 BENZENE
 Concen: 0.22 PPBV
 RT: 10.204 min Scan# 4293
 Delta R.T. -0.050 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

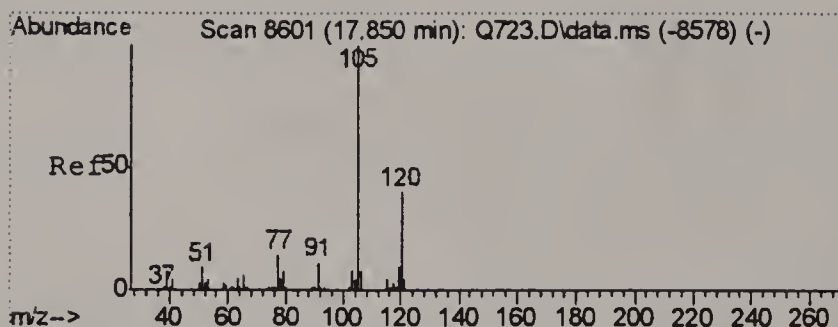
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	3.4	43.4
52	18.5	2.0	42.0



#51
 TETRACHLOROETHYLENE
 Concen: 0.50 PPBV m
 RT: 14.114 min Scan# 6496
 Delta R.T. -0.049 min
 Lab File: Q1336.D
 Acq: 8 Aug 2006 7:57 pm

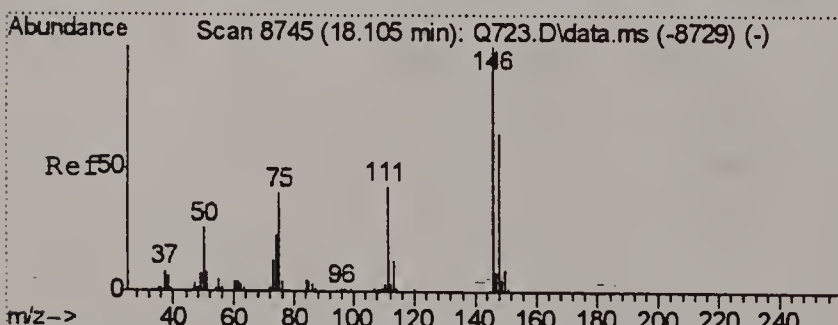
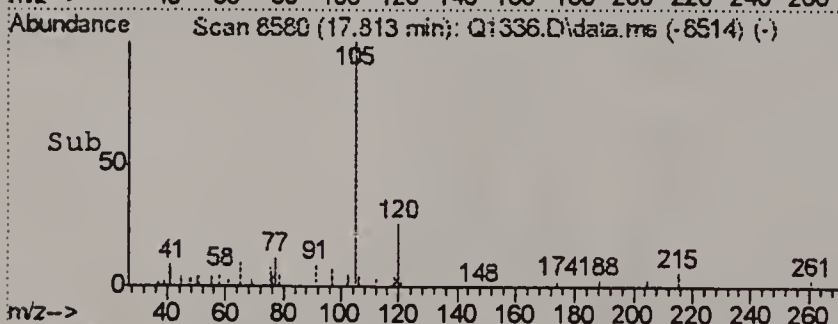
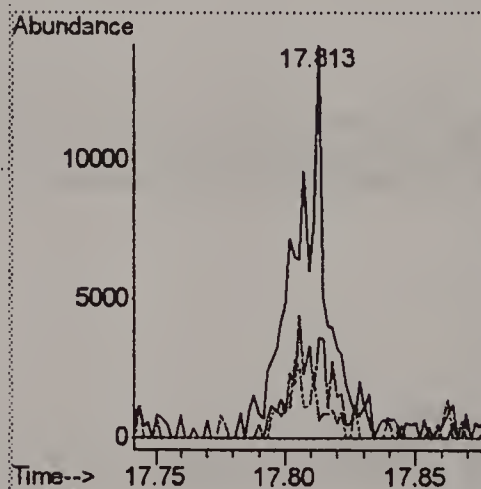
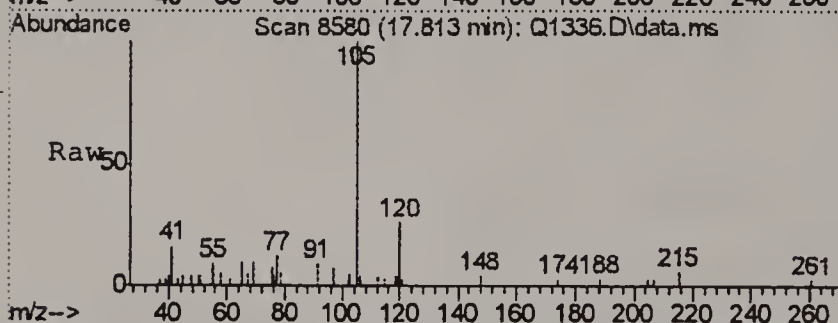
Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.4	75.5	115.5
168	58.1	42.7	82.7
131	83.4	75.2	115.2





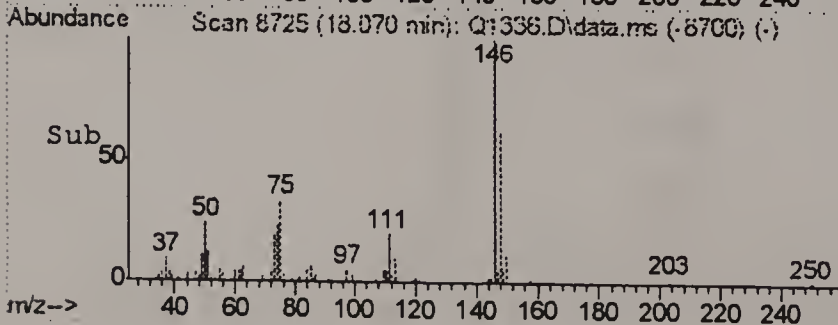
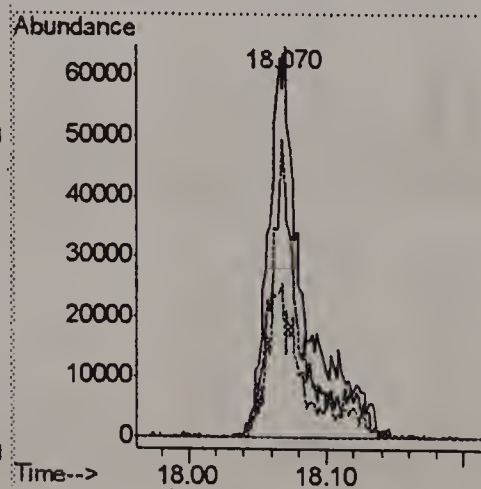
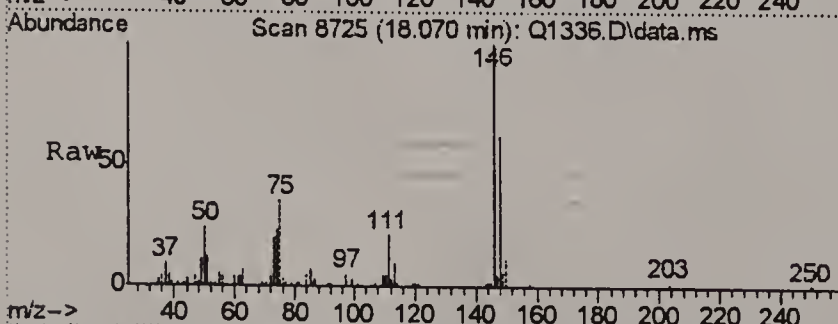
#67
1,2,4-TRIMETHYLBENZENE
Concen: 0.35 PPBV
RT: 17.813 min Scan# 8580
Delta R.T. -0.038 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

Tgt Ion	Ratio	Lower	Upper
105	100		
120	36.4	22.7	62.7
119	19.1	0.0	30.7



#70
p-DICHLOROBENZENE
Concen: 3.31 PPBV
RT: 18.070 min Scan# 8725
Delta R.T. -0.037 min
Lab File: Q1336.D
Acq: 8 Aug 2006 7:57 pm

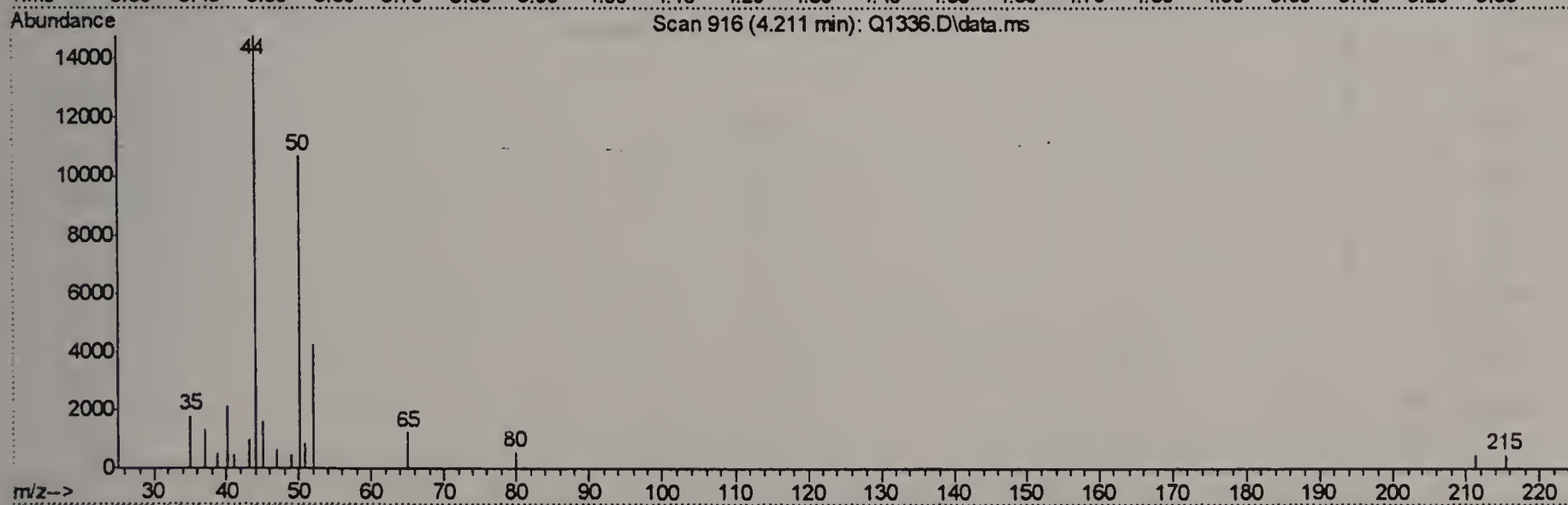
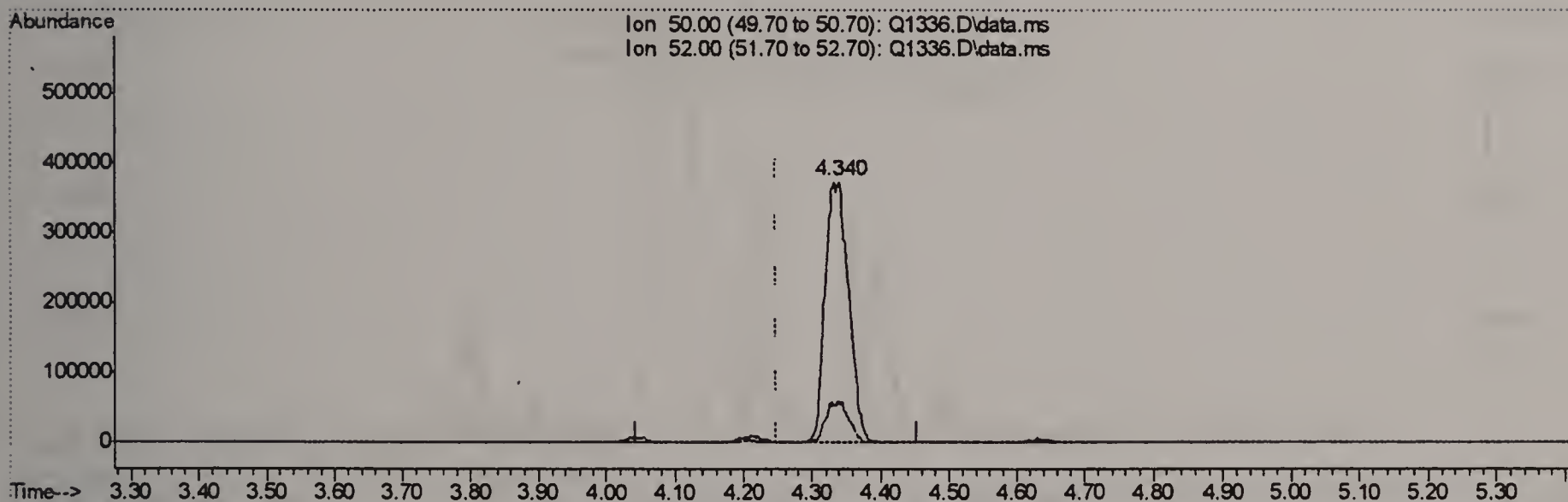
Tgt Ion	Ratio	Lower	Upper
146	100		
148	53.9	43.5	83.5
111	31.4	22.4	62.4



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



TIC: Q1336.D\data.ms

(5) CHLOROMETHANE (m)

4.340min (+0.091) 19.20PPBV

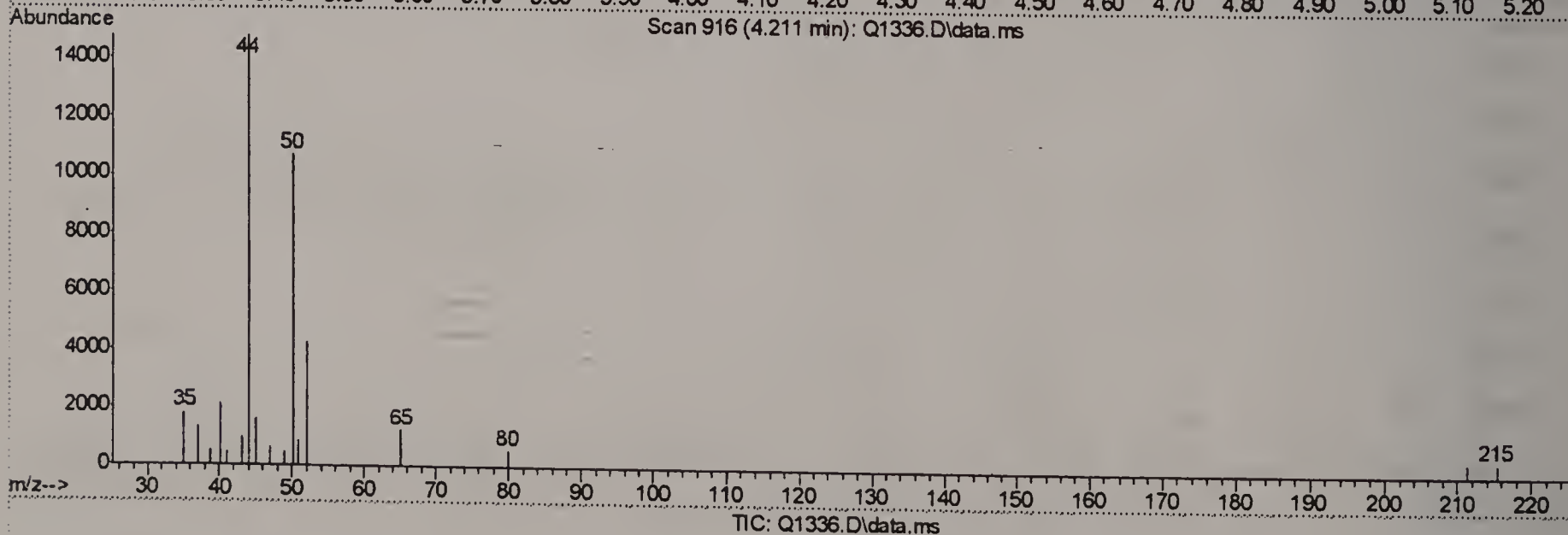
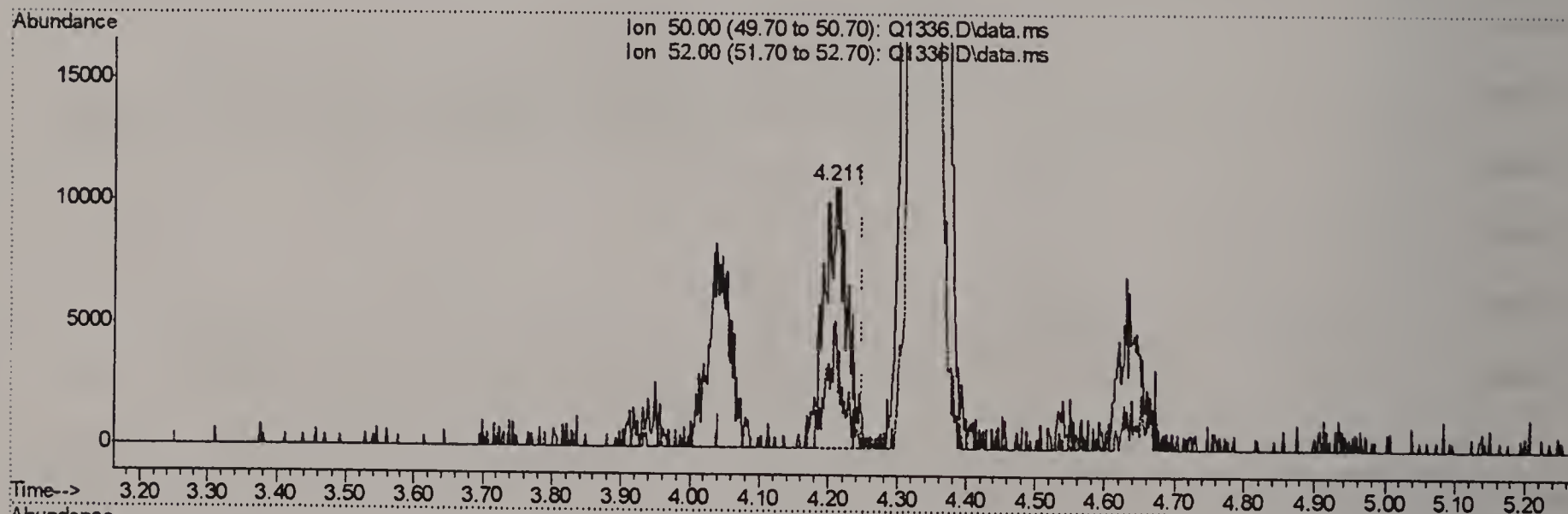
response 897831

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	14.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(5) CHLOROMETHANE (m)

4.211min (-0.038) 0.52PPBV m

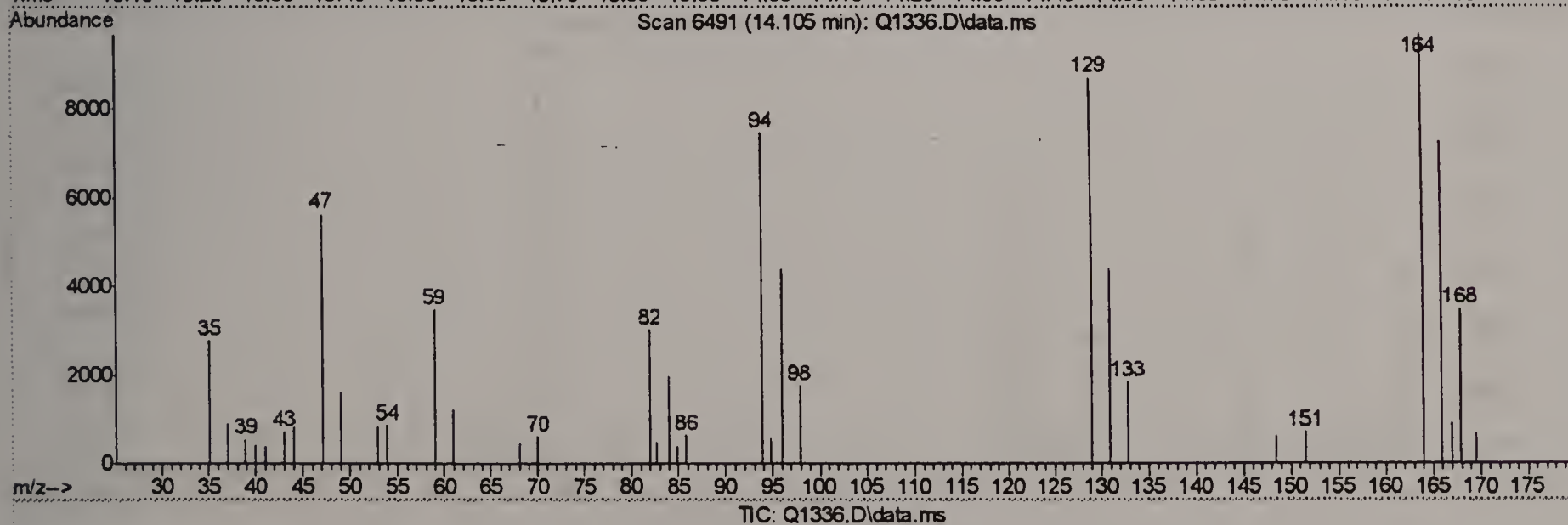
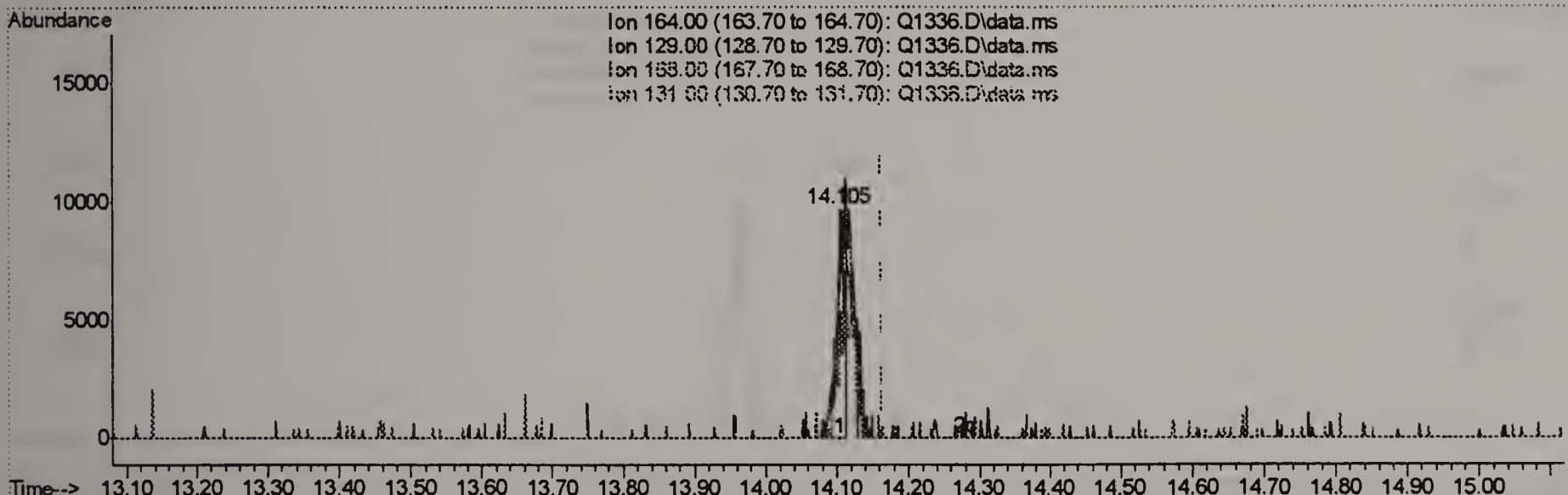
response 24420

Ion	Exp%	Act%
50.00	100	100
52.00	29.70	39.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(51) TETRACHLOROETHYLENE (m)

14.105min (-0.058) 0.24PPBV

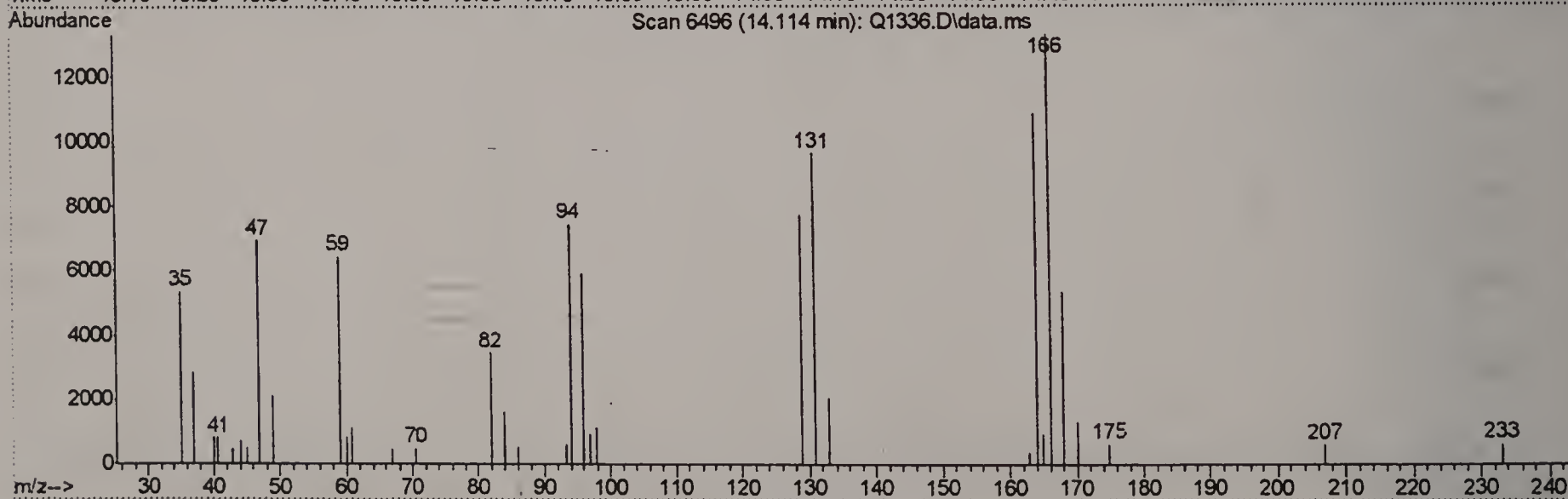
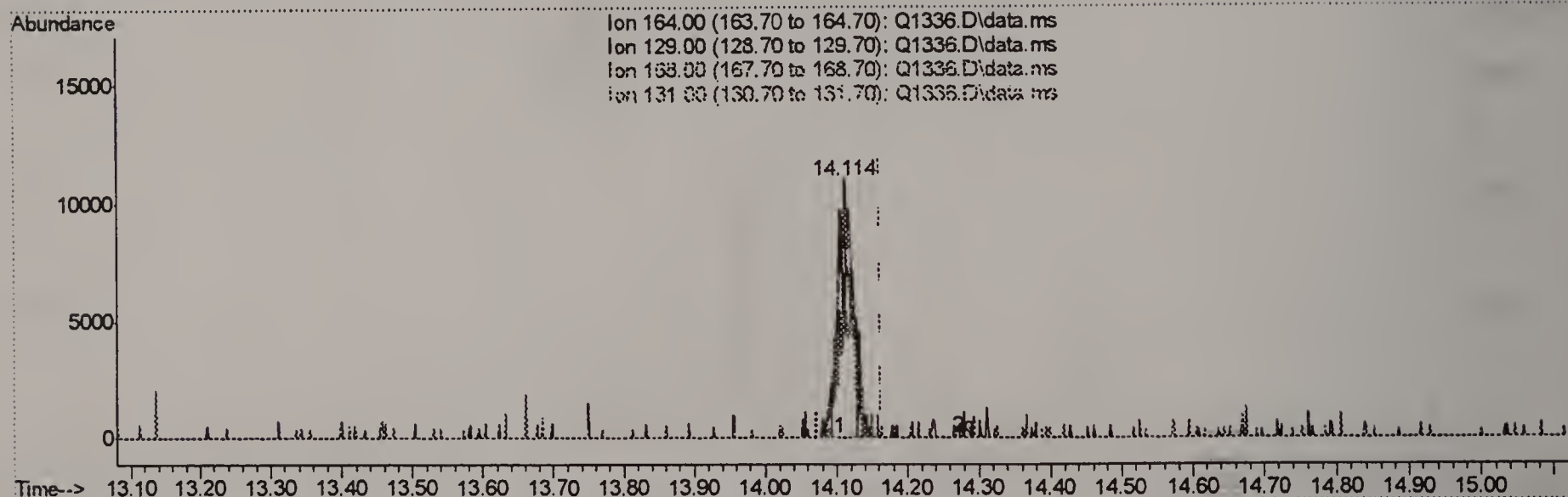
response 7467

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	202.30%
168.00	62.70	120.54%
131.00	95.20	173.16%

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



TIC: Q1336.D\data.ms

(51) TETRACHLOROETHYLENE (m)

14.114min (-0.049) 0.50PPBV m

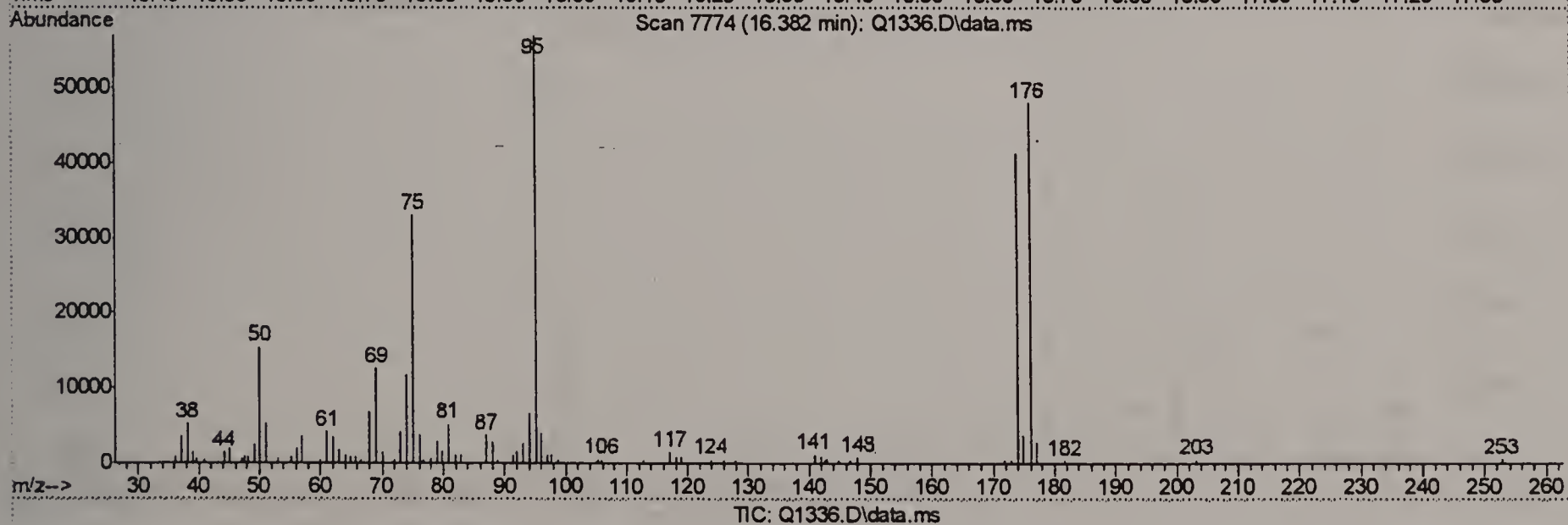
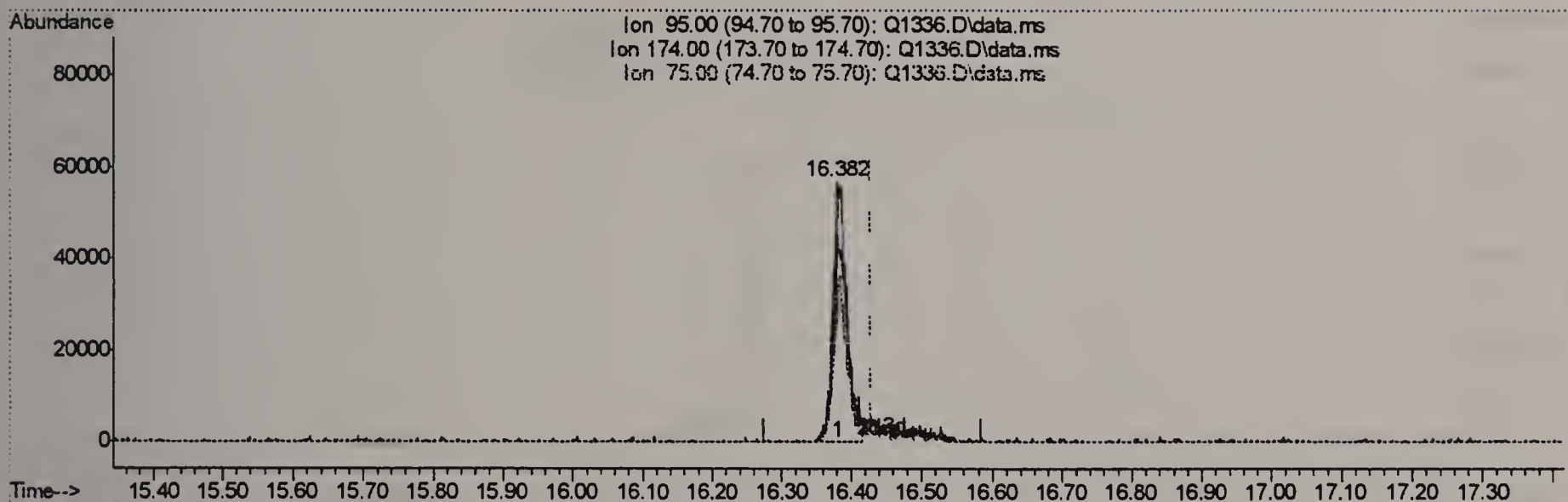
response 15504

Ion	Exp%	Act%
164.00	100	100
129.00	95.50	97.43
168.00	62.70	58.06
131.00	95.20	83.40

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 2.74PPBV

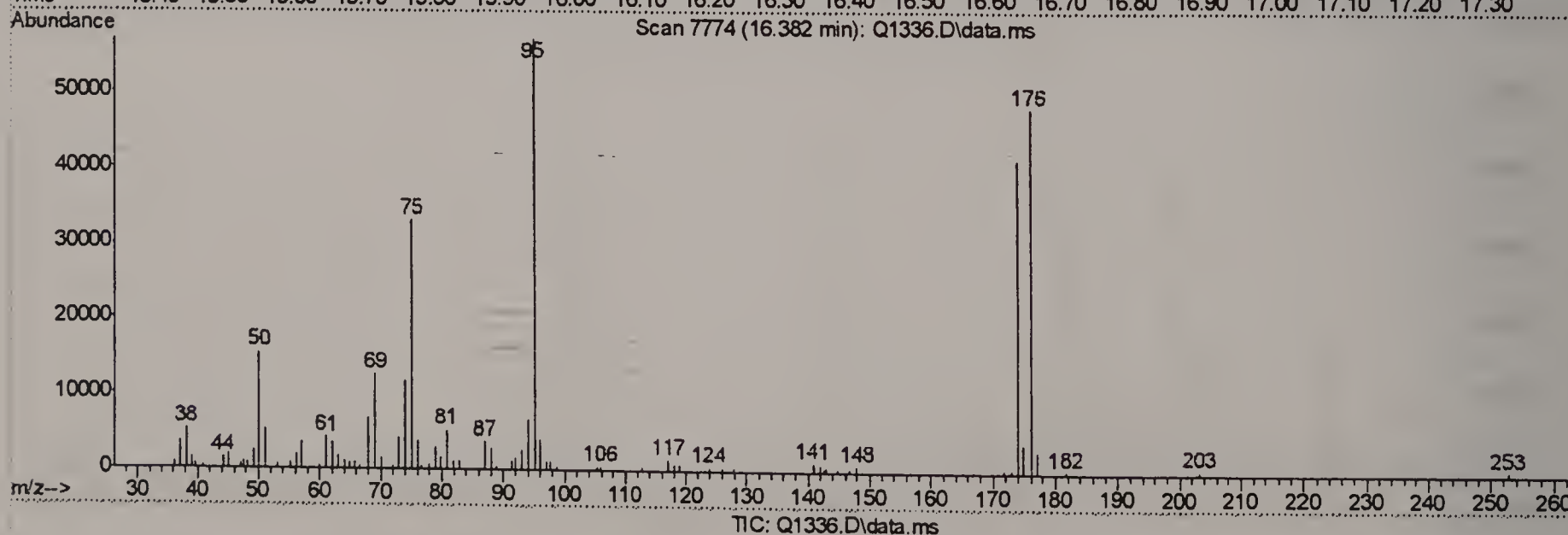
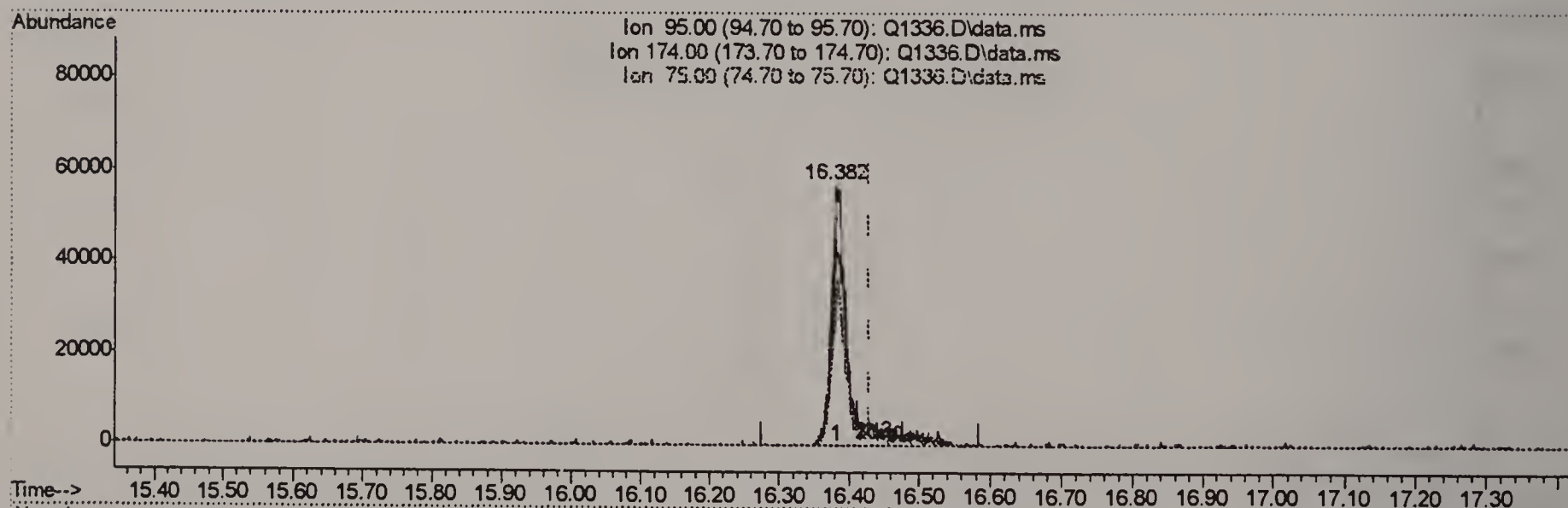
response 81942

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	84.66
75.00	52.30	62.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
 Data File : Q1336.D
 Acq On : 8 Aug 2006 7:57 pm
 Operator : PhilipB
 Sample : M58073-3dup (M161)
 Misc : MS11934, MSQ69,,,,,1
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 09:14:48 2006
 Quant Method : C:\msdchem\1\METHODS\Q080706T.m
 Quant Title : TO15 by GCMS w/DB-1 60 m X .25 mm ID 1.0 um
 QLast Update : Tue Aug 08 17:20:41 2006
 Response via : Initial Calibration



(61) 4-BROMOFLUOROBENZENE (S)

16.382min (-0.048) 3.36PPBV m

response 100561

Ion	Exp%	Act%
95.00	100	100
174.00	69.30	68.98
75.00	52.30	50.61
0.00	0.00	0.00

Logbook Pages

70-15

(Test)

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	8-7-06
BATCH ID	MS4-68
ANALYST	PR

ALS DATA	
METHOD	70-15
NAMELIST	N1
QC FILE	N

GC/MS DATA	
METHOD	4030267-2
SEQ	20407065
ICAL	8-7-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MS4-168	15/55 STD	19/1000
MS4-185	70-15 STD	20/1000
MS4-184	70-15 STD	40/1000

Sequence Verified: PR 8-8-06

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q1303	BLIC	M035	70-15	N1	1	400	1	N1
04	BLIC	↓		↓	1	400		N1
05	10/116	M140		MS4-185	2	400		Aut-Tune
06	1068-5					200		O.I.
07	-2					80		
08	-5					20		
09	-10					400		
10	-2					8		
11	-20					800		
12	ICU	D011		MS4-184	3	50	1	15TH Low re...
13	ICU	D011		MS4-184	3	100		No run. A.T.C.
14	MR	M035		N1	4	400		Sampler error
15	BLIC	M153			5			
16	MS4358-1	M171			6			
17	J-2	M060			7			
18	MS8077-1	M141			8			
19	.1d4	M141			8			
20	.2	M002			9			
21	.3	M161			10			
<div>PR</div> <div>8-5-06</div>								

QA Review: 117 8/8/06

MS Analysis Log

Instrument: GCMS Q

BATCH DATA	
DATE	8-8-06
BATCH ID	MS069
ANALYST	PH

ALS DATA	
METHOD	70-15
NAMELIST	41
QC FILE	11

GC/MS DATA	
METHOD	Q0807067.N
SEQ	Q0807065
ICAL	8-7-06

STANDARD DATA		
LOT#	DESCRIPTION	CONC
MSA 118	15155 STD	44/10/16
MSA 185	70-15 STD	20/11/06
MSA 184	70-15 STD	20/11/06

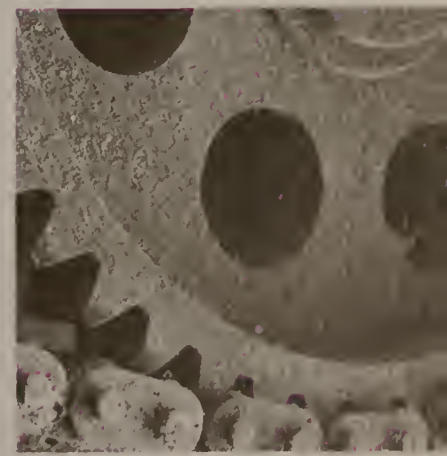
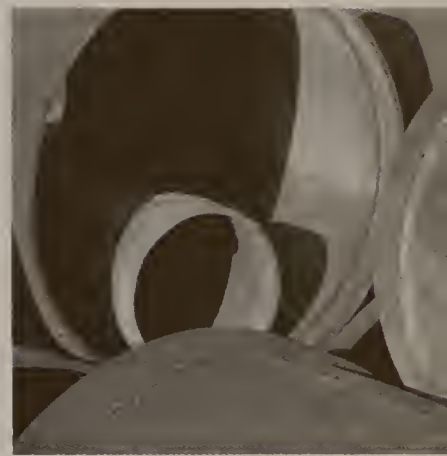
Sequence Verified: 8-9-06

DATA FILE	SAMPLE ID	CANISTER SERIAL #	TEST	WORK GROUP	ALS	VOL SAMPLE	DIL FACT.	COMMENTS
Q1322	CC68-10	M170	70-15	MSA 185	2	400	1	O.I.C. (ISTD) BFB
23	ICV/B5	D011		MSA 184	3	100		O.I.C. use 95 CC
24	BLK	M035		MS 11734	4	400		O.I.C.
25	MB	M153			5			O.I.C.
26	MS8364-1	M112			5			
27	↓ .2	M093			6			
28	↓ .3	M069			7			
29	↓ .4	M138			8			
30	MS8258.2	M066			9			ISTD Low re-run
31	↓ .1	M131			10			O.I.C.
32	MS8073.1	M141			11			
33	MS8158.2	M066			9			
34	MS8073.2	M002			12			
35	↓ .3	M161			13			
36	↓ .3 dup	M161			17			
<div>PH 6-9-06</div>								

QA Review: 8/9/06



Geotechnical
Environmental and
Water Resources
Engineering



Appendix C

Ambient Air Sampling Checklists and Sample Location Photographs



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 23Tufts - 1

Date: 6/28/06
Sampling personnel: K. Wolfe
Summa Canister ID: M053
Flow Regulator ID: MFC29
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0854
Sampling Finish Time: 1320

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -30 in-Hg Flow Controller: --- Separate gauge: ---
Pressure gauge reading (After sample collected): -1 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	80 °F	78 °F
Barometric Pressure:	30.25	30.18
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature:	71.2 °F	70.8 °F
Barometric Pressure:	30.16	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 0854 Taken by: K. Wolfe
Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building aired out prior to sample collection? No If yes, how long? ---
Windows open? No Ventilation fans? No
Was there significant precipitation within 12 hours of (or during) the sampling event? Drizzle from 1205 - 1300
Were any of the residents home during sampling? Yes If yes, provide detail: The young son was home
Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.9'
Canister on top of island in kitchen



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 23Tufts - B

Date: 6/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M039

Flow Regulator ID: MC066

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0857

Sampling Finish Time: 1322

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -28 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -0.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	80 °F	78 °F
Barometric Pressure:	30.25	30.18
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature:	71.1 °F	70.6 °F
Barometric Pressure:	30.16	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? No **If Yes, what time:** --- **Taken by:** ---

Photographs taken after sampling? Yes **If Yes, what time:** 1322 **Taken by:** K. Wolfe

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Drizzle from 1205 - 1300

Were any of the residents home during sampling? Yes **If yes, provide detail:** The young son was home

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.1'

Canister on top of stool in basement

23 Tufts Street- First Floor (045160-23Tufts-1)
6/28/06



23 Tufts Street- Basement (045160-23Tufts-B)
6/28/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 27Tufts - 1

Date: 6/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M033

Flow Regulator ID: MFC38

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0947

Sampling Finish Time: 1402

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -30 in-Hg Flow Controller: --- Separate gauge: ---

Pressure gauge reading (After sample collected): -1 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	80 °F	77 °F
Barometric Pressure:	30.25	30.17
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	73.4 °F	73.2 °F
Barometric Pressure:	30.18	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 0947 Taken by: K. Wolfe

Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building aired out prior to sample collection? No If yes, how long? ---

Windows open? No Ventilation fans? No

Was there significant precipitation within 12 hours of (or during) the sampling event? Drizzle from 1205 - 1300

Were any of the residents home during sampling? Yes If yes, provide detail: Mr. Papa was home

Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.4'

Canister on top of work bench in living room



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 27Tufts - B

Date: 6/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M135

Flow Regulator ID: MFC26

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0950

Sampling Finish Time: 1404

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -3 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	80 °F	77 °F
Barometric Pressure:	30.25	30.17
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	72.8 °F	72.6 °F
Barometric Pressure:	30.16	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0950 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Drizzle from 1205 - 1300

Were any of the residents home during sampling? Yes **If yes, provide detail:** Mr. Papa was home

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

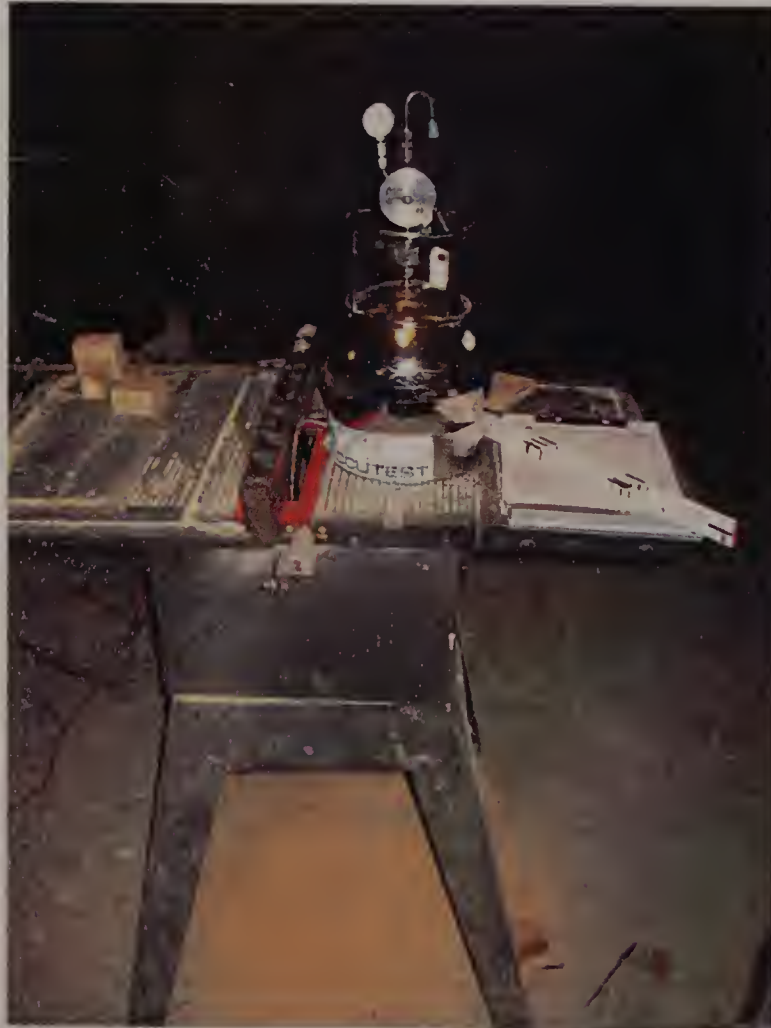
Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.9'
Canister on top of work bench in basement

27 Tufts Street- First Floor (045160-27Tufts-1)
6/28/06



27 Tufts Street- Basement (045160-27Tufts-B)
6/28/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - Tufts- O - 1A

Date: 6/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M073

Flow Regulator ID: MC052

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0807

Sampling Finish Time: 1225

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

	Before Sampling	After Sampling
Temperature:	77 °F	73 °F
Barometric Pressure:	30.27	30.20
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Drizzle

Environmental Conditions (At Sample Location):

	Before Sampling	After Sampling
Temperature:	77 °F	73 °F
Barometric Pressure:	30.27	30.20

PID readings at sample location (ppm): NM

Photographs taken before sampling? Yes **If Yes, what time:** 0807 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? NA **If yes, how long?** ---

Windows open? NA **Ventilation fans?** NA

Was there significant precipitation within 12 hours of (or during) the sampling event? Drizzle for the last 20 minutes of sampling

Were any of the residents home during sampling? NA **If yes, provide detail:** ---

Did any of the occupants NOT follow instruction for residents? NA **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Outdoor sample

Air intake at 4.8'

Canister attached to tree outside of 17 Tufts Street

Weather station at same location



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - Tufts- O - 1B

Date: 6/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M151

Flow Regulator ID: MC067

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0820

Sampling Finish Time: 1253

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -4.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	77 °F	73 °F
Barometric Pressure:	30.27	30.17
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Drizzle

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	77 °F	73 °F
Barometric Pressure:	30.27	30.20

PID readings at sample location (ppm): NM

Photographs taken before sampling? Yes **If Yes, what time:** 0820 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? NA **If yes, how long?** ---

Windows open? NA **Ventilation fans?** NA

Was there significant precipitation within 12 hours of (or during) the sampling event? Drizzle for the last 48 minutes of sampling

Were any of the residents home during sampling? NA **If yes, provide detail:** ---

Did any of the occupants NOT follow instruction for residents? NA **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Outdoor sample

Air intake at 4.9'

Canister attached to fence on North side of 50 Tufts Street property



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - Tufts - O - 2A

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M106

Flow Regulator ID: MC065

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1040

Sampling Finish Time: 1424

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -29 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	80 °F	78 °F
Barometric Pressure:	30.17	30.12
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	80 °F	78 °F
Barometric Pressure:	30.17	30.12

PID readings at sample location (ppm): NM

Photographs taken before sampling? Yes **If Yes, what time:** 1040 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? NA **If yes, how long?** ---

Windows open? NA **Ventilation fans?** NA

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? NA **If yes, provide detail:** ---

Did any of the occupants NOT follow instruction for residents? NA **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Outdoor sample

Air intake at 4.7'

Canister attached to tree outside of 17 Tufts Street

Weather station at same location



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - Tufts - O - 2B

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M046

Flow Regulator ID: MFC30

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1033

Sampling Finish Time: 1427

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	80 °F	78 °F
Barometric Pressure:	30.17	30.12
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	80 °F	78 °F
Barometric Pressure:	30.17	30.12

PID readings at sample location (ppm): NM

Photographs taken before sampling? Yes **If Yes, what time:** 1033 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? NA **If yes, how long?** ---

Windows open? NA **Ventilation fans?** NA

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? NA **If yes, provide detail:** ---

Did any of the occupants NOT follow instruction for residents? NA **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Outdoor sample

Air intake at 4.9'

Canister attached to fence on North side of 50 Tufts Street property

Outdoor Sample 1- Day 1 (045160-Tufts-O-1A)
6/28/06



Outdoor Sample 1- Day 2 (045160-Tufts-O-2A)
6/29/06



Outdoor Sample 2- Day 1 (045160-Tufts-O-1B)
6/28/06



Outdoor Sample 2- Day 2 (045160-Tufts-O-2B)
2/29/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 11/13Tufts - 1

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M129

Flow Regulator ID: MFC007

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1124

Sampling Finish Time: 1533

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -2 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

	Before Sampling	After Sampling
Temperature:	77 °F	79 °F
Barometric Pressure:	30.17	30.12
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

	Before Sampling	After Sampling
Temperature:	68 °F	68 °F
Barometric Pressure:	30.16	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1124 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** Air conditioner was running

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One tenant was home

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.8'

Canister on top of a box that sat on top of the coffee table in the living room



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 11/13Tufts - B

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M057

Flow Regulator ID: MC063

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1126

Sampling Finish Time: 1535

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -29 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -3 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	77 °F	79 °F
Barometric Pressure:	30.17	30.12
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	67 °F	68 °F
Barometric Pressure:	30.16	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1126 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? Yes- Window open in basement **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One tenant was home upstairs

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 5.5'

Canister on top of a bookshelf in basement

11/13 Tufts Street- First Floor (045160-11/13Tufts-1)
6/29/06



11/13 Tufts Street- Basement (045160-11/13Tufts-B)
6/29/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 19 Tufts - 1

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M156

Flow Regulator ID: MC071

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1153

Sampling Finish Time: 1550

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	77 °F	79 °F
Barometric Pressure:	30.16	30.12
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	74 °F	74 °F
Barometric Pressure:	30.14	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1153 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? Yes- Window open in basement **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** Mrs. Laurentano was on the first floor

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.1'

Canister on top of table in dining room on first floor



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 19 Tufts - B

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M142

Flow Regulator ID: MC033

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1156

Sampling Finish Time: 1553

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -29 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

	Before Sampling	After Sampling
Temperature:	77 °F	79 °F
Barometric Pressure:	30.16	30.12
Prevailing Wind Direction:	NE	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

	Before Sampling	After Sampling
Temperature:	70 °F	71 °F
Barometric Pressure:	30.16	30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1156 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? Yes- Window open in basement **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** Mrs. Laurentano was on the first floor

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.4'

Canister on top of a rolled up rug that sat on a bench in the basement



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 19 Tufts - C

Date: 6/29/06

Sampling personnel: K. Wolfe

Summa Canister ID: M155

Flow Regulator ID: MC074

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1158

Sampling Finish Time: 1555

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): -30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): -5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature: 77 °F

79 °F

Barometric Pressure: 30.16

30.12

Prevailing Wind Direction: NE

NE

General Weather Conditions: Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature: 70 °F

71 °F

Barometric Pressure: 30.16

30.16

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1156 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? Yes- Window open in basement **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** Mrs. Laurentano was on the first floor

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.4'

Canister on top of a rolled up rug that sat on a bench in the basement

19 Tufts Street- First Floor (045160-19Tufts-1)
6/29/06



19 Tufts Street- Basement (045160-19Tufts-B and 045160-19Tufts-C)
6/29/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 9 Tufts - 1R

Date: 7/24/06

Sampling personnel: K. Wolfe

Summa Canister ID: M002

Flow Regulator ID: MC018

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1054

Sampling Finish Time: 1456

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: 29.5 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: 5 in/hr Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	92.3°	93.3°
Barometric Pressure:	30.05	30.05
Prevailing Wind Direction:	None	None
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	80.4°	78.3°
Barometric Pressure:	30.05	30.05

PID readings at sample location (ppm)

0

0

Photographs taken before sampling? Yes If Yes, what time: 1054 Taken by: KAW

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No **Ventilation fans?** Air conditioner running

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes If yes, provide detail: One adult man

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4'5"

Barometer stopped working during sampling

GEI not provided with a separate gauge

Time/vacuum readings not taken during sampling as to disturb the residents as little as possible

First floor had two apartments: 1R refers to the apartment on the right when entering the front door



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 9 Tufts - 1L

Date: 7/24/06

Sampling personnel: K. Wolfe

Summa Canister ID: M141

Flow Regulator ID: MC072

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1052

Sampling Finish Time: 1454

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: 29 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: 4 in/hr Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	92.3°	93.3°
Barometric Pressure:	30.05	30.05
Prevailing Wind Direction:	None	None
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature:	88.2°	93.3°
Barometric Pressure:	30.07	30.06

PID readings at sample location (ppm)	0	0
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Photographs taken before sampling? Yes If Yes, what time: 1052 Taken by: KAW

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No Ventilation fans? No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes If yes, provide detail: One adult pregnant woman

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3'11"

Barometer stopped working during sampling

GEI not provided with a separate gauge

Time/vacuum readings not taken during sampling as to disturb the residents as little as possible

First floor had two apartments: 1L refers to the apartment on the left when entering the front door



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 9 Tufts - BR

Date: 7/24/06

Sampling personnel: K. Wolfe

Summa Canister ID: M161

Flow Regulator ID: MFC53

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1101

Sampling Finish Time: 1500

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: 30 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: 4 in/hr Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	92.3°	93.3°
Barometric Pressure:	30.05	30.05
Prevailing Wind Direction:	None	None
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	77.0°	77.2°
Barometric Pressure:	30.03	30.04

PID readings at sample location (ppm)

0

0

Photographs taken before sampling? Yes If Yes, what time: 1101 Taken by: KAW

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No Ventilation fans? No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4'4"

Barometer stopped working during sampling

GEI not provided with a separate gauge

Time/vacuum readings not taken during sampling as to disturb the residents as little as possible

9 Tufts Street- First Floor Right Apartment (045160-9Tufts-1R)
7/24/06



9 Tufts Street- First Floor Left Apartment (045160-9Tufts-1L)
7/24/06



9 Tufts Street- Basement Right (045160-9Tufts-BR)
7/24/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 25 Tufts - 1

Date: 8/1/06

Sampling personnel: K. Wolfe

Summa Canister ID: M131

Flow Regulator ID: MC070

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0953

Sampling Finish Time: 1346

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure?

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg **Flow Controller:** **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature: 84.6°F

91.7°F

Barometric Pressure: 29.9

29.84

Prevailing Wind Direction: W

W

General Weather Conditions: Cloudy

Mostly sunny

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature: 85°F

89°F

Barometric Pressure: 29.91

29.84

PID readings at sample location (ppm)

0

0

Photographs taken before sampling? Yes **If Yes, what time:** 0953 **Taken by:** KAW

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? Yes **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One adult tenant

Did any of the occupants NOT follow instruction for residents? See survey **If yes, describe below:**

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake @ 3'1"

Tenant requested moving the canister off of the glass table and onto kitchen counter

New air intake @ 4.5'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 25 Tufts - B

Date: 8/1/06

Sampling personnel: K. Wolfe

Summa Canister ID: M066

Flow Regulator ID: MFC41

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0955

Sampling Finish Time: 1341

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure?

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg Flow Controller: Separate gauge: ---

Pressure gauge reading (After sample collected): 4.5 in-Hg Flow Controller: Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	84.6°F	91.7°F
Barometric Pressure:	29.9	29.84
Prevailing Wind Direction:	W	W
General Weather Conditions:	Cloudy	Mostly sunny

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature:	77°F	79.8°F
Barometric Pressure:	29.91	29.87

PID readings at sample location (ppm)	0	0
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Photographs taken before sampling? Yes ☐ If Yes, what time: 0955 Taken by: KAW

Photographs taken after sampling? No ☐ If Yes, what time: Taken by:

Was the building aired out prior to sample collection? No ☐ If yes, how long?

Windows open? Bulkhead open ☐ Ventilation fans? No ☐

Was there significant precipitation within 12 hours of (or during) the sampling event? No ☐

Were any of the residents home during sampling? No ☐ If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? See survey ☐ If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake @ 4'2"

25 Tufts Street- First Floor (045160-25Tufts-1)
8/1/06



25 Tufts Street- Basement (045160-25Tufts-B)
8/1/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 23 Tufts - 1

Date: 8/3/06

Sampling personnel: L. Welch

Summa Canister ID: M069

Flow Regulator ID: MC002

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1636

Sampling Finish Time: 2019

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

During Sampling	
Time	Vacuum

Pressure gauge reading (Pre-opening): Flow Controller: 28 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: 3 in/hr Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	80-85°	75-80°
Barometric Pressure:	29.76	29.88
Prevailing Wind Direction:	West	West
General Weather Conditions:	Overcast, Breezy	Dusk, Partly Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	70°	68-70°
Barometric Pressure:	29.77	29.86

PID readings at sample location (ppm)

0

0

Photographs taken before sampling? No If Yes, what time: Taken by:

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes If yes, provide detail: One adult female and one child male

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4'2"

Ceiling Height at 8'

Outside PID = 0 ppb with ppbRAE (before and after sampling)

No photo taken



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 23 Tufts - B

Date: 8/3/06

Sampling personnel: L. Welch

Summa Canister ID: M138

Flow Regulator ID: MC064

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1630

Sampling Finish Time: 2020

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: 29 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: 3 in/hr Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	85°	75-80°
Barometric Pressure:	29.76	29.88
Prevailing Wind Direction:	West	West
General Weather Conditions:	Overcast, Breezy	Dusk, Partly Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature:	70°	68-70°
Barometric Pressure:	29.77	29.86

PID readings at sample location (ppm)	0	0
--	---	---

Photographs taken before sampling? No If Yes, what time: Taken by:

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3'9"
Ceiling Height at 6'7"
Outside PID = 0 ppb with ppbRAE (before and after sampling)
No photo taken



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 27 Tufts - 1

Date: 8/3/06

Sampling personnel: K. Wolfe

Summa Canister ID: M112

Flow Regulator ID: MFC004

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0958

Sampling Finish Time: 1356

During Sampling

Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: 30 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: 5 in/hr Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:	92.3°	93.3°
Barometric Pressure:	29.74	29.92
Prevailing Wind Direction:	S	S
General Weather Conditions:	Sunny, Muggy	Sunny, Muggy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:	88.7°	92.1°
Barometric Pressure:	29.74	29.71

PID readings at sample location (ppm)

3-4 ppm

0

Photographs taken before sampling? Yes If Yes, what time: 0958 Taken by: KAW

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3'9"

Ceiling Height at 8'9"

Outside PID = 1.1 ppb with ppbRAE (before and after sampling)



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045160 - 27 Tufts - B

Date: 8/3/06

Sampling personnel: K. Wolfe

Summa Canister ID: M093

Flow Regulator ID: MFC45

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1000

Sampling Finish Time:

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: 29 in/hr Separate gauge: ---

Pressure gauge reading (After sample collected): Flow Controller: Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature:

92.3°

93.3°

Barometric Pressure:

29.74

29.92

Prevailing Wind Direction:

S

S

General Weather Conditions:

Sunny, Muggy

Sunny, Muggy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature:

86.4°

90.4°

Barometric Pressure:

29.76

29.71

PID readings at sample location (ppm)

3-4 ppm

0

Photographs taken before sampling? Yes If Yes, what time: 1000 Taken by: KAW

Photographs taken after sampling? No If Yes, what time: NA Taken by: NA

Was the building aired out prior to sample collection? No If yes, how long? NA

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? Please see Pre-Sampling Survey If yes, describe below:

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4'3"

Ceiling Height at 7'2"

27 Tufts Street- First Floor (045160-27Tufts-1)
8/3/06



27 Tufts Street- Basement (045160-27Tufts-B)
8/3/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 27Tufts - 1

Date: 9/28/06
Sampling personnel: K. Wolfe
Summa Canister ID: M086
Flow Regulator ID: MC032
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1031
Sampling Finish Time: 1431

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg Flow Controller: --- Separate gauge: ---
Pressure gauge reading (After sample collected): 2 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	74.3	73.2
Barometric Pressure (in-Hg):	30.03	30.02
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	73.9	74.1
Barometric Pressure (in-Hg):	30.03	30.02

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 1038 Taken by: K. Wolfe
Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building aired out prior to sample collection? No If yes, how long? ---
Windows open? No Ventilation fans? No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? No If yes, provide detail:
Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.0'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 27Tufts - B

Date: 9/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M014

Flow Regulator ID: MC071

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1043

Sampling Finish Time: 1433

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	74.3	73.2
Barometric Pressure (in-Hg):	30.03	30.02
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	72.1	72.7
Barometric Pressure (in-Hg):	30.03	30.03

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1043 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.5'

Air purifier installed after sampling complete, photo taken

27 Tufts Street- First Floor (045162-27Tufts-1)
9/28/06



27 Tufts Street- Basement (045162-27Tufts-B)
9/28/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 1A

Date: 9/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M072

Flow Regulator ID: MFC41

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1102

Sampling Finish Time: 1448

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):
Barometric Pressure (in-Hg):
Prevailing Wind Direction:
General Weather Conditions:

74.5
30.03
W
Sunny

73.2
30.02
W
Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):
Barometric Pressure (in-Hg):

74.5
30.03

73.2
30.02

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1102 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In tree outside of 17 Tufts Street
Air intake at 4.7'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 1B

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M142

Flow Regulator ID: MC053

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0844

Sampling Finish Time: 1240

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 4.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	53.6	64
Barometric Pressure (in-Hg):	30.08	29.99
Prevailing Wind Direction:	None	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	53.6	64
Barometric Pressure (in-Hg):	30.08	29.99

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0844 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In tree outside of 17 Tufts Street

Air intake at 4.6'

Weather Station at this location ran 0842-1513



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 2A

Date: 9/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M135

Flow Regulator ID: MFC25

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1109

Sampling Finish Time: 1514

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	74.5	73.2
Barometric Pressure (in-Hg):	30.01	30.02
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	74.5	73.2
Barometric Pressure (in-Hg):	30.01	30.02

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1109 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In fence on northeast corner of 50 Tufts Street property

Air intake at 4.6'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 2B

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M067

Flow Regulator ID: MFC010

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0839

Sampling Finish Time: 1330

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg Flow Controller: --- Separate gauge: ---

Pressure gauge reading (After sample collected): 5 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):

53.6

64

Barometric Pressure (in-Hg):

30.08

29.99

Prevailing Wind Direction:

None

SE

General Weather Conditions:

Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):

53.6

64

Barometric Pressure (in-Hg):

30.08

29.99

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 0839 Taken by: K. Wolfe

Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building aired out prior to sample collection? No If yes, how long? ---

Windows open? No Ventilation fans? No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In fence on northeast corner of 50 Tufts Street property

Air intake at 4.6'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 3A

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M062

Flow Regulator ID: MFC034

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1030

Sampling Finish Time: 1423

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	64	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	SE	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	64	64
Barometric Pressure (in-Hg):	30.01	29.99

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1030 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In fence on Cross Street

Air intake at 4.2'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 4A

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M031

Flow Regulator ID: MC066

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1036

Sampling Finish Time: 1419

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 28 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):

64

64

Barometric Pressure (in-Hg):

30.01

29.99

Prevailing Wind Direction:

SE

SE

General Weather Conditions:

Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):

64

64

Barometric Pressure (in-Hg):

30.01

29.99

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1036 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In fence on Alston Street

Air intake at 4.0'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 5A

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M078

Flow Regulator ID: MC074

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1043

Sampling Finish Time: 1429

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	64	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	SE	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	64	64
Barometric Pressure (in-Hg):	30.01	29.99

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1043 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In fence on corner of Hadley Court and Franklin Street

Air intake at 4.4'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - Tufts - O - 6A

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M136

Flow Regulator ID: MFC035

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1047

Sampling Finish Time: 1450

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):

64

64

Barometric Pressure (in-Hg):

30.01

29.99

Prevailing Wind Direction:

SE

SE

General Weather Conditions:

Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):

64

64

Barometric Pressure (in-Hg):

30.01

29.99

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1047 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any Information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

OUTDOOR SAMPLE

In fence on Knowlton Street

Air intake at 4.5'

Outdoor Sample Location 1 (045162-Tufts-O-1A)
9/28/06



Outdoor Sample Location 1 (045162-Tufts-O-1B)
10/2/06



Outdoor Sample Location 2 (045162-Tufts-O-2A)
9/28/06



Outdoor Sample Location 2 (045162-Tufts-O-2B)
10/2/06



Outdoor Sample Location 3 (045162-Tufts-O-3A)
10/2/06



Outdoor Sample Location 4 (045162-Tufts-O-4A)
10/2/06



Outdoor Sample Location 5 (045162-Tufts-O-5A)
10/2/06



Outdoor Sample Location 6 (045162-Tufts-O-6A)
10/2/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 9Tufts - 1R

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M152

Flow Regulator ID: MC018

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1100

Sampling Finish Time: 1508

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 6 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	64	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	SE	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	69.9	70.3
Barometric Pressure (in-Hg):	30.09	30.08

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1100 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One adult female tenant

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.9'

Had to stop sampling when internal pressure was only at 6 in-Hg due to access restraints



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 9Tufts - 1L

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M073

Flow Regulator ID: MC003

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1102

Sampling Finish Time: 1510

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 4 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):

64

64

Barometric Pressure (in-Hg):

30.01

29.99

Prevailing Wind Direction:

SE

SE

General Weather Conditions:

Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):

69.8

70.3

Barometric Pressure (in-Hg):

30.09

30.09

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1102 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.5'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 9Tufts - BR

Date: 10/2/06
Sampling personnel: K. Wolfe
Summa Canister ID: M151
Flow Regulator ID: MC045
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1106
Sampling Finish Time: 1515

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg Flow Controller: --- Separate gauge: ---
Pressure gauge reading (After sample collected): 6 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	64	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	SE	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	68.2	68.4
Barometric Pressure (in-Hg):	30.08	30.08

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 1106 Taken by: K. Wolfe
Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building aired out prior to sample collection? No If yes, how long? ---
Windows open? No Ventilation fans? No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? No If yes, provide detail:
Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.8'
Had to stop sampling when internal pressure was only at 6 in-Hg due to access restraints
Air purifier installed after sampling complete, photo taken

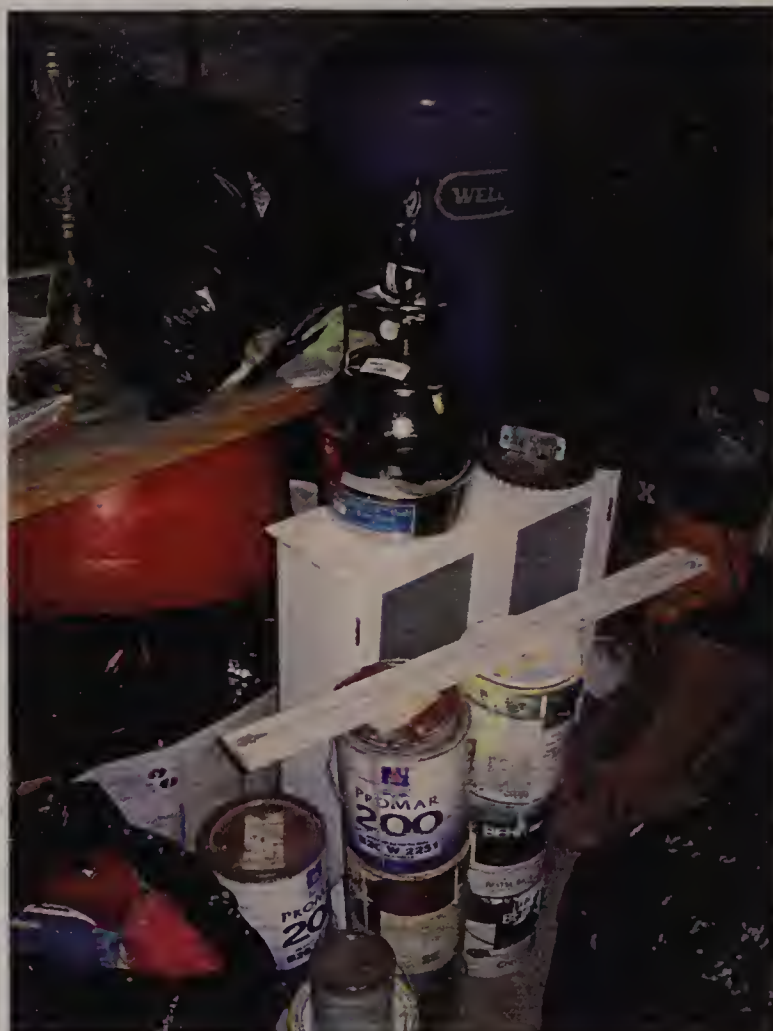
9 Tufts Street- First Floor Right Apartment (045162-9Tufts-1R)
10/2/06



9 Tufts Street- First Floor Left Apartment (045162-9Tufts-1L)
10/2/06



9 Tufts Street- Basement Right (045162-9Tufts-BR)
10/2/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 11/13Tufts - 1

Date: 9/28/06
Sampling personnel: K. Wolfe
Summa Canister ID: M125
Flow Regulator ID: MC070
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1052
Sampling Finish Time: 1442

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg Flow Controller: --- Separate gauge: ---
Pressure gauge reading (After sample collected): 4.5 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	74.3	73.2
Barometric Pressure (in-Hg):	30.03	30.02
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	73.4	74.1
Barometric Pressure (in-Hg):	30.01	30.01

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 1052 Taken by: K. Wolfe
Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building alred out prlor to sample collection? No If yes, how long? ---
Windows open? No Ventilation fans? No
Was there significant precipitation withIn 12 hours of (or during) the sampling event? No
Were any of the resldents home during sampling? Yes If yes, provide detail: One adult male tenant
Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any Information that may be pertinent to the sampling event and may asslst in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.3'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 11/13Tufts - B

Date: 9/28/06

Sampling personnel: K. Wolfe

Summa Canister ID: M159

Flow Regulator ID: MC072

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1055

Sampling Finish Time: 1443

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	74.3	73.2
Barometric Pressure (in-Hg):	30.03	30.02
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	71.4	72.3
Barometric Pressure (in-Hg):	30.02	30.02

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1055 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.5'

Air purifier installed after sampling complete, photo taken

11/13 Tufts Street- First Floor (045162-11/13Tufts-1)
9/28/06



11/13 Tufts Street- Basement (045162-11/13Tufts-B)
9/28/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 17Tufts - 1

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M004

Flow Regulator ID: MFC054

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0901

Sampling Finish Time: 1247

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	54	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	None	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	67.1	68.2
Barometric Pressure (in-Hg):	30.09	30.08

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0901 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.0'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 17Tufts - B

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M048

Flow Regulator ID: MC063

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0904

Sampling Finish Time: 1246

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 29 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	54	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	None	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	73.7	73.9
Barometric Pressure (in-Hg):	30.10	30.10

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0904 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.7'

Air purifier installed after sampling complete, photo taken



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 17Tufts - C

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M157

Flow Regulator ID: MC066

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0905

Sampling Finish Time: 1245

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 0.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (^o F):	54	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	None	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (^o F):	73.7	73.9
Barometric Pressure (in-Hg):	30.10	30.10

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0904 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.7'

Air purifier installed after sampling complete, photo taken

17 Tufts Street- First Floor (045162-17Tufts-1)
10/2/06



17 Tufts Street- Basement (045162-17Tufts-B and 045162-17Tufts-C)
10/2/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 23Tufts - 1

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M114

Flow Regulator ID: MC019

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1327

Sampling Finish Time: 1735

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 31 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 6 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	64	61
Barometric Pressure (in-Hg):	29.99	30.00
Prevailing Wind Direction:	SE	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	71.8	72.1
Barometric Pressure (in-Hg):	30.09	30.08

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1327 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One adult male tenant

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.4'

Had to stop sampling when internal pressure was only at 6 in-Hg due to access restraints



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 23Tufts - B

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M156

Flow Regulator ID: MFC030

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0928

Sampling Finish Time: 1321

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 31 in-Hg Flow Controller: --- Separate gauge: ---

Pressure gauge reading (After sample collected): 5 in-Hg Flow Controller: --- Separate gauge: ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	54	64
Barometric Pressure (in-Hg):	30.01	29.99
Prevailing Wind Direction:	None	SE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	73	73.2
Barometric Pressure (in-Hg):	30.08	30.08

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes If Yes, what time: 0928 Taken by: K. Wolfe

Photographs taken after sampling? No If Yes, what time: --- Taken by: ---

Was the building aired out prior to sample collection? No If yes, how long? ---

Windows open? No Ventilation fans? No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No If yes, provide detail:

Did any of the occupants NOT follow instruction for residents? No If yes, describe below: ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.8'

Air purifier installed after sampling complete, no photo taken

23 Tufts Street- First Floor (045162-23Tufts-1)
10/2/06



23 Tufts Street- Basement (045162-23Tufts-B)
10/2/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 25Tufts - 1

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M007

Flow Regulator ID: MC073

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0916

Sampling Finish Time: 1301

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 3 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):

54

64

Barometric Pressure (in-Hg):

30.01

29.99

Prevailing Wind Direction:

None

SE

General Weather Conditions:

Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):

68.9

69.1

Barometric Pressure (in-Hg):

30.09

30.09

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0916 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One adult female tenant

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.5'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 25Tufts - B

Date: 10/2/06

Sampling personnel: K. Wolfe

Summa Canister ID: M068

Flow Regulator ID: MC038

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0918

Sampling Finish Time: 1300

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30.5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 5 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):

54

64

Barometric Pressure (in-Hg):

30.01

29.99

Prevailing Wind Direction:

None

SE

General Weather Conditions:

Cloudy

Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):

70.7

70.7

Barometric Pressure (in-Hg):

30.10

30.09

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 0918 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.2'

Air purifier installed after sampling complete, photo taken

25 Tufts Street- First Floor (045162-25Tufts-1)
10/2/06



25 Tufts Street- Basement (045162-25Tufts-B)
10/2/06





AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 19Tufts - 1

Date: 10/10/06

Sampling personnel: K. Wolfe

Summa Canister ID: M074

Flow Regulator ID: MFC099

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1053

Sampling Finish Time: 1451

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 32 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 20 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	69	68
Barometric Pressure (in-Hg):	30.11	30.10
Prevailing Wind Direction:	None	None
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	69	68
Barometric Pressure (in-Hg):	30.10	30.10

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1053 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? Yes **If yes, provide detail:** One female adult tenant and one female child

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 4.0'



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 19Tufts - B

Date: 10/10/06

Sampling personnel: K. Wolfe

Summa Canister ID: M089

Flow Regulator ID: MC067

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1056

Sampling Finish Time: 1500

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 32 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 20 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	69	68
Barometric Pressure (in-Hg):	30.11	30.10
Prevailing Wind Direction:	None	None
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	68	67
Barometric Pressure (in-Hg):	30.09	30.09

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1056 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any Information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.5'

Home owner opted not to have air purifier installed in basement

There was not enough air being sucked into canister at the end of 4 hours. Accutest said to stop testing and send what was available. If there was enough air to extrapolate results, they would do so.



AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
Tufts Street

Sample ID: 045162 - 19Tufts - C

Date: 10/10/06

Sampling personnel: K. Wolfe

Summa Canister ID: M111

Flow Regulator ID: MFC013

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1057

Sampling Finish Time: 1502

During Sampling	
Time	Vacuum

Did Summa Canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): 30 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Pressure gauge reading (After sample collected): 8 in-Hg **Flow Controller:** --- **Separate gauge:** ---

Environmental Conditions (Outside):

Before Sampling

After Sampling

Temperature (°F):	69	68
Barometric Pressure (in-Hg):	30.11	30.10
Prevailing Wind Direction:	None	None
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):

Before Sampling

After Sampling

Temperature (°F):	68	67
Barometric Pressure (in-Hg):	30.09	30.09

PID readings at sample location (ppm): 0 ppm

Photographs taken before sampling? Yes **If Yes, what time:** 1056 **Taken by:** K. Wolfe

Photographs taken after sampling? No **If Yes, what time:** --- **Taken by:** ---

Was the building aired out prior to sample collection? No **If yes, how long?** ---

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:** ---

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process, as well as a sketch of the sampling location and sample setup indicating height of air intake from ground surface:

Air intake at 3.5'

Home owner opted not to have air purifier installed in basement

Had to stop sampling when internal pressure was only at 8 in-Hg due to access restraints

19 Tufts Street- First Floor (045162-19Tufts-1)
10/10/06



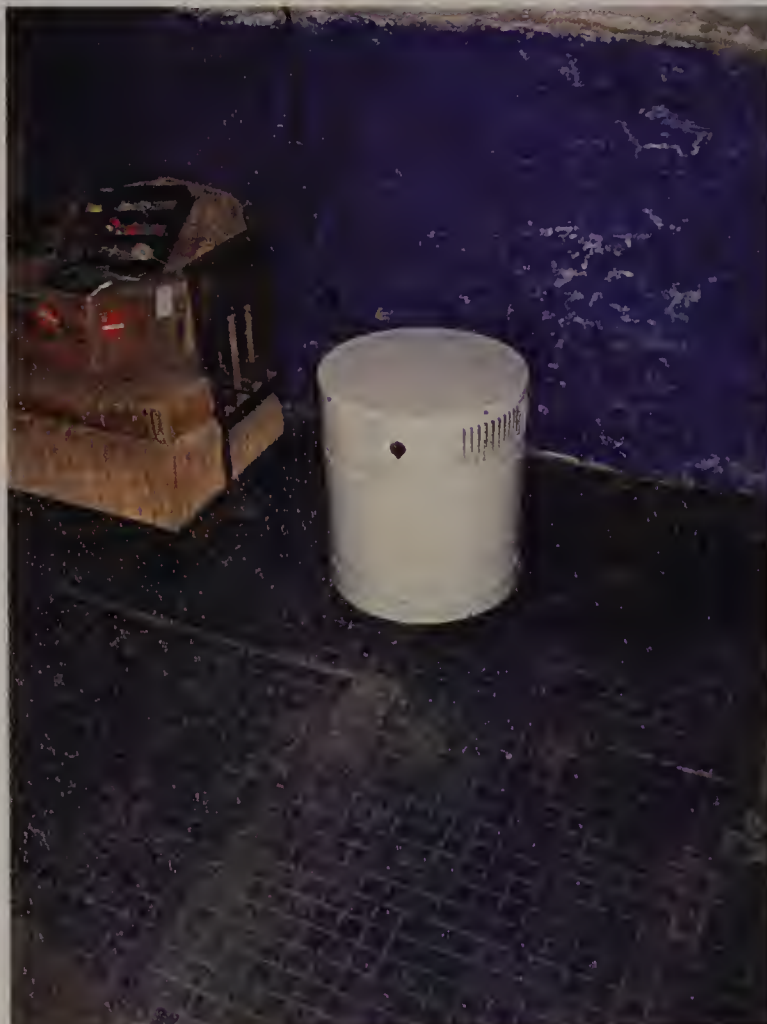
19 Tufts Street- Basement (045162-19Tufts-B and 045162-19Tufts-C)
10/10/06



Air Purifier Installed in 9 Tufts Street Basement



Air Purifier Installed in 11/13 Tufts Street Basement



Air Purifier Installed in 17 Tufts Street Basement



Air Purifier Installed in 25 Tufts Street Basement

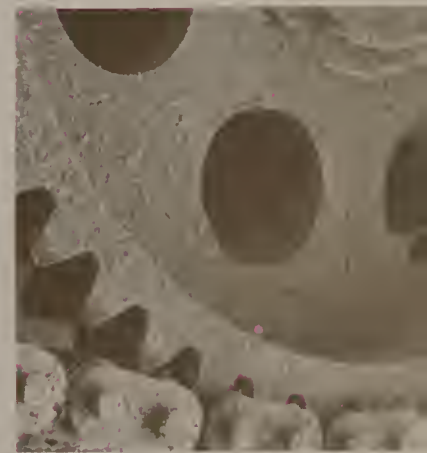
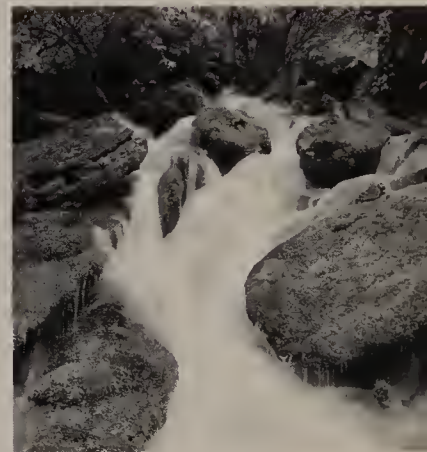
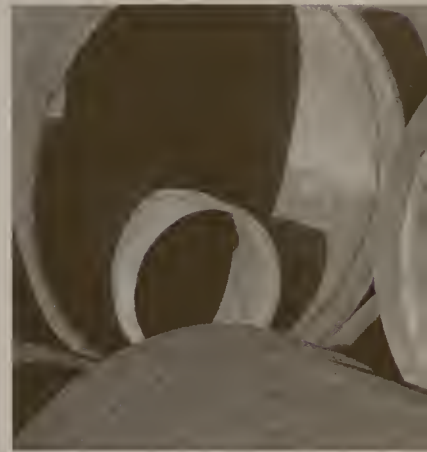


Air Purifier Installed in 27 Tufts Street Basement





Geotechnical
Environmental and
Water Resources
Engineering



Appendix D

Boring Logs and Monitoring Well Installation Reports

GROUNDWATER OBSERVATION WELL REPORT			MW101	
Project 50 Tufts Street			PG. 1 OF 1	
Location Somerville, MA			Boring No. MW101	
Client UniFirst Corporation			Location Tufts Street	
Contractor Geosearch		Driller William Harding and John Rodgers		Project No. 045160
Inspected by Kelly Champagne		Date Started 5/1/06		
Checked by Leslie Lombardo		Date Completed 5/1/06		

GENERAL SOIL CONDITIONS (Not to Scale)	SURVEY DATUM	NAVD 1988	LENGTH OF SURFACE CASING ABOVE GROUND SURFACE (FT)	Flush-Mount
	GROUND ELEVATION	27.0'	LENGTH OF RISER PIPE ABOVE GROUND SURFACE (FT)	---
			THICKNESS OF SURFACE SEAL BELOW GROUND SURFACE, IF ANY (FT)	~4"
	<div>Asphalt, sand and gravel, cobblestones, concrete</div> <div>Sand, sand with gravel</div>	TYPE OF SURFACE SEAL (indicate any additional seals)	Cement	
		ID OF SURFACE CASING (IN)	8"	
		TYPE OF SURFACE CASING	Roadbox	
		DEPTH BOTTOM OF CASING (FT)	8"	
		ID and OD OF RISER PIPE (IN)	2"ID/2.25"OD	
		TYPE OF RISER PIPE	Sch. 40 PVC	
		DIAMETER OF BOREHOLE (IN)	4.25"	
		TYPE OF BACKFILL AROUND RISER PIPE	No. 2 Sand	
		DEPTH TOP OF SEAL, IF ANY (FT)	5'	
		TYPE OF SEAL	Bentonite	
		DEPTH BOTTOM OF SEAL (FT)	7'	
		DEPTH TOP OF PERVIOUS SECTION	9'	
		TYPE OF PERVIOUS SECTION	Sch. 40 PVC	
		DESCRIBE OPENINGS	0.010" Slots	
		ID and OD OF PERVIOUS SECTION (IN)	2"ID/2.25"OD	
TYPE OF BACKFILL AROUND PERVIOUS SECTION		No. 2 Sand		
DEPTH BOTTOM OF PERVIOUS SECTION (FT)	19'			
DEPTH BOTTOM OF SAND COLUMN (FT)	19'			
ELEV./DEPTH TOP OF SEAL, IF ANY (FT)	NA			
TYPE OF SEAL	NA			
ELEV./DEPTH BOTTOM OF SEAL (FT)	NA			
TYPE OF BACKFILL BELOW PERVIOUS SECTION, IF ANY	NA			

GROUNDWATER OBSERVATION WELL REPORT				MW102	
Project 50 Tufts Street				PG. 1 OF 1	
Location Somerville, MA				Boring No. MW102	
Client UniFirst Corporation				Location Morton Street	
Contractor Geosearch		Driller William Harding and John Rodgers		Project No. 045160	
Inspected by Kelly Champagne		Date Started 5/1/06			
Checked by Leslie Lombardo		Date Completed 5/1/06			

GENERAL SOIL CONDITIONS (Not to Scale)	SURVEY DATUM	NAVD 1988	LENGTH OF SURFACE CASING ABOVE GROUND SURFACE (FT)	Flush-Mount
	GROUND ELEVATION	19.2'	LENGTH OF RISER PIPE ABOVE GROUND SURFACE (FT)	---
		Asphalt	THICKNESS OF SURFACE SEAL BELOW GROUND SURFACE, IF ANY (FT)	~4"
			TYPE OF SURFACE SEAL (indicate any additional seals)	Cement
			ID OF SURFACE CASING (IN)	8"
			TYPE OF SURFACE CASING	Roadbox
			DEPTH BOTTOM OF CASING (FT)	8"
			ID and OD OF RISER PIPE (IN)	2"ID/2.25"OD
			TYPE OF RISER PIPE	Sch. 40 PVC
			DIAMETER OF BOREHOLE (IN)	4.25"
			TYPE OF BACKFILL AROUND RISER PIPE	No. 2 Sand
			DEPTH TOP OF SEAL, IF ANY (FT)	2'
			TYPE OF SEAL	Bentonite
			DEPTH BOTTOM OF SEAL (FT)	4'
			DEPTH TOP OF PERVIOUS SECTION	6'
	TYPE OF PERVIOUS SECTION		Sch. 40 PVC	
		DESCRIBE OPENINGS	0.010" Slots	
		ID and OD OF PERVIOUS SECTION (IN)	2"ID/2.25"OD	
		TYPE OF BACKFILL AROUND PERVIOUS SECTION	No. 2 Sand	
		DEPTH BOTTOM OF PERVIOUS SECTION (FT)	16'	
		DEPTH BOTTOM OF SAND COLUMN (FT)	16'	
		ELEV./DEPTH TOP OF SEAL, IF ANY (FT)	NA	
		TYPE OF SEAL	NA	
		ELEV./DEPTH BOTTOM OF SEAL (FT)	NA	
		TYPE OF BACKFILL BELOW PERVIOUS SECTION, IF ANY	NA	
NOTES:				

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GROUNDWATER OBSERVATION WELL REPORT				MW103	
Project 50 Tufts Street				PG. 1 OF 1	
Location Somerville, MA				Boring No. MW103	
Client UniFirst Corporation				Location Morton Street	
Contractor Geosearch		Driller William Harding and John Rodgers		Project No. 045160	
Inspected by Kelly Champagne		Date Started 5/1/06			
Checked by Leslie Lombardo		Date Completed 5/1/06			

GENERAL SOIL CONDITIONS (Not to Scale)	SURVEY DATUM	NAVD 1988	LENGTH OF SURFACE CASING ABOVE GROUND SURFACE (FT)	Flush-Mount
	GROUND ELEVATION	19.8'	LENGTH OF RISER PIPE ABOVE GROUND SURFACE (FT)	---
			THICKNESS OF SURFACE SEAL BELOW GROUND SURFACE, IF ANY (FT)	~4"
	Asphalt	TYPE OF SURFACE SEAL (indicate any additional seals)	Cement	
		ID OF SURFACE CASING (IN)	8"	
	Sand, sand with silt and gravel	TYPE OF SURFACE CASING	Roadbox	
		DEPTH BOTTOM OF CASING (FT)	8"	
		ID and OD OF RISER PIPE (IN)	2"ID/2.25"OD	
		TYPE OF RISER PIPE	Sch. 40 PVC	
		DIAMETER OF BOREHOLE (IN)	4.25"	
		TYPE OF BACKFILL AROUND RISER PIPE	No. 2 Sand	
		DEPTH TOP OF SEAL, IF ANY (FT)	2'	
		TYPE OF SEAL	Bentonite	
		DEPTH BOTTOM OF SEAL (FT)	4'	
		DEPTH TOP OF PERVIOUS SECTION	6'	
		TYPE OF PERVIOUS SECTION	Sch. 40 PVC	
DESCRIBE OPENINGS		0.010" Slots		
ID and OD OF PERVIOUS SECTION (IN)		2"ID/2.25"OD		
TYPE OF BACKFILL AROUND PERVIOUS SECTION		No. 2 Sand		
DEPTH BOTTOM OF PERVIOUS SECTION (FT)	16'			
DEPTH BOTTOM OF SAND COLUMN (FT)	16'			
ELEV./DEPTH TOP OF SEAL, IF ANY (FT)	NA			
TYPE OF SEAL	NA			
ELEV./DEPTH BOTTOM OF SEAL (FT)	NA			
TYPE OF BACKFILL BELOW PERVIOUS SECTION, IF ANY	NA			

GROUNDWATER OBSERVATION WELL REPORT				MW104	
Project 50 Tufts Street				PG. 1 OF 1	
Location Somerville, MA				Boring No. MW104	
Client UniFirst Corporation				Location Tufts Street	
Contractor Geosearch		Driller William Harding and John Rodgers		Project No. 045160	
Inspected by Kelly Champagne		Date Started 5/17/06			
Checked by Leslie Lombardo		Date Completed 5/17/06			

GENERAL SOIL CONDITIONS (Not to Scale)	SURVEY DATUM	NAVD 1988	LENGTH OF SURFACE CASING ABOVE GROUND SURFACE (FT)	Flush-Mount
	GROUND ELEVATION	17.9'	LENGTH OF RISER PIPE ABOVE GROUND SURFACE (FT)	---
			THICKNESS OF SURFACE SEAL BELOW GROUND SURFACE, IF ANY (FT)	~4"
			TYPE OF SURFACE SEAL (indicate any additional seals)	Cement
			ID OF SURFACE CASING (IN)	3.5"
			TYPE OF SURFACE CASING	Roadbox
			DEPTH BOTTOM OF CASING (FT)	8"
			ID and OD OF RISER PIPE (IN)	1"ID/1.25"OD
			TYPE OF RISER PIPE	Sch. 40 PVC
			DIAMETER OF BOREHOLE (IN)	2.5"
			TYPE OF BACKFILL AROUND RISER PIPE	No. 2 Sand
			DEPTH TOP OF SEAL, IF ANY (FT)	2'
			TYPE OF SEAL	Bentonite
			DEPTH BOTTOM OF SEAL (FT)	3'
			DEPTH TOP OF PERVIOUS SECTION	5'
			TYPE OF PERVIOUS SECTION	Sch. 40 PVC
			DESCRIBE OPENINGS	0.010" Slots
			ID and OD OF PERVIOUS SECTION (IN)	1"ID/1.25"OD
		TYPE OF BACKFILL AROUND PERVIOUS SECTION	No. 2 Sand	
		DEPTH BOTTOM OF PERVIOUS SECTION (FT)	15'	
		DEPTH BOTTOM OF SAND COLUMN (FT)	15'	
		ELEV./DEPTH TOP OF SEAL, IF ANY (FT)	NA	
		TYPE OF SEAL	NA	
		ELEV./DEPTH BOTTOM OF SEAL (FT)	NA	
		TYPE OF BACKFILL BELOW PERVIOUS SECTION, IF ANY	NA	

NOTES:

GROUNDWATER OBSERVATION WELL REPORT				MW105	
Project 50 Tufts Street				PG. 1 OF 1	
Location Somerville, MA				Boring No. MW105	
Client UniFirst Corporation				Location Cross Street	
Contractor Geosearch		Driller William Harding and John Rodgers		Project No. 045160	
Inspected by Kelly Champagne		Date Started 5/2/06			
Checked by Leslie Lombardo		Date Completed 5/2/06			

SURVEY DATUM NAVD 1988		LENGTH OF SURFACE CASING ABOVE GROUND SURFACE (FT)		Flush-Mount	
GROUND ELEVATION 39.6'		LENGTH OF RISER PIPE ABOVE GROUND SURFACE (FT)		---	
GENERAL SOIL CONDITIONS (Not to Scale)		THICKNESS OF SURFACE SEAL BELOW GROUND SURFACE, IF ANY (FT)		~4"	
		TYPE OF SURFACE SEAL (indicate any additional seals)		Cement	
		ID OF SURFACE CASING (IN)		8"	
		TYPE OF SURFACE CASING		Roadbox	
		DEPTH BOTTOM OF CASING (FT)		8"	
		ID and OD OF RISER PIPE (IN)		2"ID/2.25"OD	
		TYPE OF RISER PIPE		Sch. 40 PVC	
		DIAMETER OF BOREHOLE (IN)		4.25"	
		TYPE OF BACKFILL AROUND RISER PIPE		No. 2 Sand	
		DEPTH TOP OF SEAL, IF ANY (FT)		15'	
		TYPE OF SEAL		Bentonite	
		DEPTH BOTTOM OF SEAL (FT)		17'	
		DEPTH TOP OF PERVIOUS SECTION		19'	
		TYPE OF PERVIOUS SECTION		Sch. 40 PVC	
		DESCRIBE OPENINGS		0.010" Slots	
ID and OD OF PERVIOUS SECTION (IN)		2"ID/2.25"OD			
TYPE OF BACKFILL AROUND PERVIOUS SECTION		No. 2 Sand			
DEPTH BOTTOM OF PERVIOUS SECTION (FT)		29'			
DEPTH BOTTOM OF SAND COLUMN (FT)		29'			
ELEV./DEPTH TOP OF SEAL, IF ANY (FT)		NA			
TYPE OF SEAL		NA			
ELEV./DEPTH BOTTOM OF SEAL (FT)		NA			
TYPE OF BACKFILL BELOW PERVIOUS SECTION, IF ANY		NA			
NOTES:					
GEI Consultants					



GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

PROJECT NAME: 50 Tufts Street

CITY/STATE: Somerville, Massachusetts

GEI PROJECT NUMBER: 045160

BORING LOG

PAGE

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MW101

DRILLING METHOD: Vac Ex./HSA

GROUND SURFACE ELEVATION (FT): 27.0

NORTHING: 2964738.24 EASTING: 767195.02

DRILLED BY: Geosearch W. Harding, J. Mason

LOGGED BY: K. Champagne

LOCATION:

Tufts Street

TOTAL DEPTH (FT):

19

VERT. DATUM:

NAVD 1988

HOR. DATUM:

MA State Plane (NAD 83)

DATE START / END:

4/28/2006 - 5/1/2006

DEPTH FT.	SAMPLE INFORMATION					LITHOLOGY	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN IN.	REC IN.	Blow Count	PID (ppm)		
0	S1	NM	NM	NM	3.4	✓	S1: (0-2") ASPHALT
						✓	S1: (2-4") WIDELY GRADED SAND AND GRAVEL (SW); ~80% fine to coarse sand, ~20% fine to coarse subangular gravel up to 1.5", dry, tan, FILL.
2						✓	S1: (4-9") COBBLESTONES
						✓	S1: (9-12") Similar to S1 (2-4").
4						✓	S1: (12-15") CONCRETE
						✓	S1: (15-17") Similar to S1 (2-4").
6						✓	S1: (17-19") CONCRETE
						✓	S1: (19-84") SILTY SAND WITH GRAVEL (SM); ~65% fine to coarse sand, ~20% fines, ~15% fine to coarse subangular gravel up to 1", dry, brown, FILL.
8						✓	S1: (84-108") NARROWLY GRADED SAND (SP); Medium sand, dry, tan, FILL.
	S2	24	20	6 15 16 20	1.3	✓	S2: (0-20") Similar to S1 (19-84").
10						✓	
	S3	24	19	23 20 16 16	1.3	✓	S3: (0-13") NARROWLY GRADED SAND (SP); Fine sand, moist, tan, FILL.
12						✓	S3: (13-19") Similar to S3 (0-13") but wet.
	S4	24	21	7 14 16 19	3.4	✓	S4: (0-6") Similar to S3 (0-13") but wet.
14						✓	S4: (6-12") NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% medium sand, ~15% fine to coarse subangular gravel up to 1/4", wet, tan, FILL.
	S5	24	17	6 13 16 25	5.5	✓	S4: (12-21") Similar to S3 (0-13") but wet.
16						✓	S5: (0-7") NARROWLY GRADED SAND (SP); Medium sand, wet, tan, FILL.
	S6	24	24	20 30 30 40	4.1	✓	S5: (7-17") Similar to S3 (0-13") but wet.
18						✓	S6: (0-7") Similar to S3 (0-13") but wet.
						✓	S6: (7-10") Similar to S5 (0-7").
						✓	S6: (10-19") Similar to S3 (0-13"), but wet.
						✓	S6: (19-24") SILTY SAND WITH GRAVEL (SM); ~65% fine sand, ~15% fines, ~20% coarse subangular gravel up to 1", moist, very dense, tan, TILL.
						✓	Bottom of Borehole, 19.0 ft, no refusal.

ABBREVIATIONS:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
NM = NOT MEASURED
(ppm) = PARTS PER MILLION
IN. = INCHES
FT. = FEET
HSA = HOLLOW STEM AUGER
VAC EX. = VACUUM EXCAVATION

NOTES:

Vacuum Excavated to 9.5 ft and then backfilled with cuttings on April 28, 2006. Completed boring with Hollow Stem Auger on May 1, 2006.
Monitoring Well Installed.

LITHOLOGY:



FILL



TILL



GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

PROJECT NAME: 50 Tufts Street

CITY/STATE: Somerville, Massachusetts

GEI PROJECT NUMBER: 045160

BORING LOG

PAGE

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MW102

DRILLING METHOD: Vac Ex./HSA

LOCATION:

Tufts Street

GROUND SURFACE ELEVATION (FT): 19.2

TOTAL DEPTH (FT):

16

NORTHING: 2964636.48 EASTING: 767510.38

VERT. DATUM:

NAVD 1988

DRILLED BY: Geosearch W. Harding, J. Mason

HOR. DATUM:

MA State Plane (NAD 83)

LOGGED BY: K. Champagne

DATE START / END:

4/27/2006 - 5/1/2006

DEPTH FT.	SAMPLE INFORMATION					LITHOLOGY	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN IN.	REC IN.	Blow Count	PID (ppm)		
0	S1	NM	NM	NM	0.0	✓	S1: (0-6") ASPHALT
2							S1: (6-9") WIDELY GRADED SAND WITH GRAVEL (SW); ~85% fine to coarse sand, ~15% fine to coarse subangular gravel up to 1.5", dry, tan, FILL.
4							S1: (9-24") SANDY LEAN CLAY WITH GRAVEL (CL); ~65% lean clay, ~20% fine sand, ~15% coarse subangular gravel up to 3/4", moist, dense, olive, TILL.
6	S2	24	24	23 26 26 25	4.1		S1: (24-72") SANDY LEAN CLAY WITH GRAVEL (CL); ~50% lean clay, ~35% fine sand, ~15% coarse subangular gravel up to 1/2", dry, dense, olive/tan, TILL.
8	S3	24	5	22 20 22 25	6.1		S2: (0-5") SANDY SILT WITH GRAVEL (ML); ~50% non-plastic silt, ~35% fine sand, ~15% fine to coarse subangular gravel up to 1/4", moist, olive/tan, TILL.
10	S4	24	6	9 13 13 14	0.0		S2: (5-10") WIDELY GRADED SAND (SW); Fine to coarse sand, dry, reddish-brown/brown, TILL.
12	S5	24	24	14 9 14 18	3.4		S2: (10-24") Similar to S2 (0-5"), but gravel layer from 12 to 16".
14	S6	24	12	20 25 23 20	2.0		S3: (0-2") LEAN CLAY WITH SAND (CL); ~80% clay, ~20% fine sand, dry, olive, TILL.
16							S3: (2-5") Similar to S2 (0-5"), but with white/gray fine grained rock in tip of shoe.
							S4: (0-11") SILTY SAND AND GRAVEL (SM); ~70% fine sand, ~15% silt, ~15% fine to coarse subangular gravel up to 1", wet, tan, TILL.
							S4: (11-13") NARROWLY GRADED SAND AND GRAVEL (SP); ~85% coarse sand, ~15% subangular gravel up to 1/4", wet, black, TILL.
							S4: (13-16") WIDELY GRADED SAND WITH GRAVEL (SW); ~65% fine to coarse sand, ~35% coarse subangular gravel up to 1.5", wet, brown, TILL.
							S5: SILTY SAND WITH GRAVEL (SM); ~60% fine to coarse sand, ~25% fine to coarse subangular gravel up to 1.5", ~15% silt, wet, tan with some reddish-brown sand, TILL.
							S6: NARROWLY GRADED SAND (SP); Coarse sand, wet, tan, TILL.
							Bottom of Borehole, 16.0 ft., no refusal.

ABBREVIATIONS:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
NM = NOT MEASURED
(ppm) = PARTS PER MILLION
IN. = INCHES
FT. = FEET
HSA = HOLLOW STEM AUGER
VAC EX. = VACUUM EXCAVATION

NOTES:

Boring vacuum excavated to 6.5 ft and then backfilled with cuttings on April 27, 2006. Boring completed with Hollow Stem Auger on May 1, 2006.
Monitoring Well installed.

LITHOLOGY:



FILL



TILL



GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

PROJECT NAME: 50 Tufts Street

CITY/STATE: Somerville, Massachusetts

GEI PROJECT NUMBER: 045160

BORING LOG

PAGE

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MW103

DRILLING METHOD: Vac Ex./HSA

GROUND SURFACE ELEVATION (FT): 19.8

NORTHING: 2964454.99 EASTING: 767648.42

DRILLED BY: Geosearch W. Harding, J. Mason

LOGGED BY: K. Champagne

LOCATION:

Tufts Street

TOTAL DEPTH (FT):

16

VERT. DATUM:

NAVD 1988

HOR. DATUM:

MA State Plane (NAD 83)

DATE START / END:

4/27/2006 - 5/1/2006

DEPTH FT.	SAMPLE INFORMATION					LITHOLOGY	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN IN.	REC IN.	Blow Count	PID (ppm)		
0	S1	NM	NM	NM	0.0	✓	S1: (0-5") ASPHALT
2						✓	S1: (5-36") SANDY SILT WITH GRAVEL (ML); ~50% non-plastic silt, ~35% fine to coarse sand, ~15% fine to coarse subangular gravel up to 1/2", moist, brown, FILL.
4						✓	S1: (36-48") WIDELY GRADED SAND WITH GRAVEL (SW); ~85% fine to coarse sand, ~15% fine to coarse subanular gravel up to 1", brown, pieces of asphalt-like material, FILL.
6	S2	24	16	4 8 13 20	22.0	✓	S1: (48-60") SILTY SAND WITH GRAVEL (SW-SM); ~45% fine to coarse sand, ~25% non-plastic silt, ~20% fine to coarse subangular gravel up to 1/2", dry, dense, brown, TILL.
8	S3	24	20	10 20 19 21	5.5	✓	S1: (60-72") SILTY GRAVEL WITH SAND (GM); Fine to coarse subangular gravel with silt and widely graded sand, TILL.
10	S4	24	15	7 18 20 20	1.3	✓	S2: (0-3") SANDY SILT WITH GRAVEL (ML); ~60% silt, ~20% fine sand, ~20% fine to coarse subangular gravel up to 3/4", moist, olive/brown, pieces of tar-like material, TILL.
12	S5	24	13	20 32 27 24	8.9	✓	S2: (3-16") NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~70% fine sand, ~20% fine to coarse subangular gravel up to 1.5", ~10% silt, dry, tan, TILL.
14	S6	15	13	13 20 50/3"	11.6	✓	S3: (0-12") Similar to S2 (3-16").
16						✓	S3: (12-20") NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% medium sand, ~20% fine to coarse subangular gravel up to 1", dry, tan, TILL.
						✓	S4: Similar to S3 (12-20"), but wet.
						✓	S5: (0-11") Similar to S3 (12-20"), but with ~40% fine to coarse gravel up to 1.75", wet.
						✓	S5: (11-13") WIDELY GRADED SAND (SW); Fine to coarse sand, wet, black/white, TILL.
						✓	S6: NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP); ~55% fine sand, ~35% fine to coarse subangular gravel up to 1.5", ~10% silt, wet, tan, TILL.
						✓	Bottom of Borehole, 16.0 ft., no refusal.

ABBREVIATIONS:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
NM = NOT MEASURED
(ppm) = PARTS PER MILLION
IN. = INCHES
FT. = FEET
HSA = HOLLOW STEM AUGER
VAC EX. = VACUUM EXCAVATION

NOTES:

Boring vacuum excavated to 6.0 ft. and then backfilled with cuttings on April 27, 2006.
Boring completed with Hollow Stem Auger on May 1, 2006.
Monitoring Well installed.

LITHOLOGY:



FILL



TILL



GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

PROJECT NAME: 50 Tufts Street

CITY/STATE: Somerville, Massachusetts

GEI PROJECT NUMBER: 045160

BORING LOG

PAGE

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MW104

DRILLING METHOD: Geoprobe

GROUND SURFACE ELEVATION (FT): 17.9

NORTHING: 2964181.07 EASTING: 767524.96

DRILLED BY: Geosearch B. Law

LOGGED BY: K. Champagne

LOCATION:

Tufts Street

TOTAL DEPTH (FT):

15

VERT. DATUM:

NAVD 1988

HOR. DATUM:

MA State Plane (NAD 83)

DATE START / END:

5/17/2006 - 5/17/2006

DEPTH FT.	SAMPLE INFORMATION					LITHOLOGY	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN IN.	REC IN.	Blow Count	PID (ppm)		

0	GP1	60	33	PUSH	0.0	
2					0.4	
4						
6	GP2	60	19	PUSH	0.8	
8						
10	GP3	60	29	PUSH	1.5	
12						
14						

GP1: (0-17") SILTY SAND WITH GRAVEL (SM); ~50% fine to medium sand, ~25% silt, ~25% fine to coarse subangular gravel up to 1.5", moist, brown, FILL.

GP1: (17-20") WIDELY GRADED GRAVEL (GW); ~85% fine to coarse subangular gravel, ~15% fine to coarse sand, dry, orange/tan, FILL.

GP1: (20-27") WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~65% fine to coarse sand, ~20% fine to coarse subangular gravel, ~15% silt, clay lense from 22 to 33", dry, brown, TILL.

GP1: (27-33") SANDY SILT WITH GRAVEL (ML); ~65% silt, ~20% fine sand, ~15% subangular gravel up to 1", moist, olive, TILL.

GP2: Similar to S1 (27-33").

GP3: (0-12") Similar to S1 (27-33"), but wet.

GP3: (12-16") WIDELY GRADED SAND WITH SILT (SW-SM); ~65% coarse sand, ~20% fine to medium sand, ~15% silt, wet, brown, TILL.

GP3: (16-19") SILTY SAND (SM); ~80% fine sand, ~20% fines, wet, dark brown, TILL.

S3: (19-29") SILTY SAND (SM); ~70% fine sand, ~30% nonplastic fines, wet, olive, TILL.

Bottom of Borehole, 15.0 ft., no refusal.

ABBREVIATIONS:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
NM = NOT MEASURED
(ppm) = PARTS PER MILLION
IN. = INCHES
FT. = FEET
HSA = HOLLOW STEM AUGER
VAC EX. = VACUUM EXCAVATION

NOTES:

LITHOLOGY:



FILL



TILL



GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

PROJECT NAME: 50 Tufts Street

CITY/STATE: Somerville, Massachusetts

GEI PROJECT NUMBER: 045160

BORING LOG

PAGE

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MW105

DRILLING METHOD: Vac Exc/HSA

LOCATION: Tufts Street

GROUND SURFACE ELEVATION (FT): 39.6

TOTAL DEPTH (FT): 29

NORTHING: 2964723.47 EASTING: 766919.62

VERT. DATUM: NAVD 1988

DRILLED BY: Geosearch W. Harding, J. Mason

HOR. DATUM: MA State Plane (NAD 83)

LOGGED BY: K. Champagne

DATE START / END: 4/28/2006 - 5/2/2006

DEPTH FT.	SAMPLE INFORMATION					LITHOLOGY	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN IN.	REC IN.	Blow Count	PID (ppm)		
0	S1	108	NM	NM	0.0	✓	S1: (0-6") CONCRETE
2						✓	S1: (6-36") WIDELY GRADED SAND WITH GRAVEL (SW); ~80% fine to coarse sand, ~20% fine to coarse subangular gravel up to 0.75", dry, brown, some ash-like material, FILL.
4						✓	S1: (36-108") SILTY SAND WITH GRAVEL (SM); ~65% fine to coarse sand, ~20% fines, ~15% fine to coarse gravel up to 0.5", moist, brown, TILL.
6						✓	
8						✓	
10	S2	24	2	3 4 4 7	0.0	✓	S2: Similar to S1 (36-108").
12	S3	24	24	10 10 25 30	0.0	✓	S3: (0-15") SILT WITH SAND (ML); ~75% silt, ~25% fine sand, moist, tan/olive, TILL.
14	S4	24	23	27 25 37 32	2.7 (1.3)	✓	S3: (15-24") NARROWLY GRADED SAND (SP); Medium sand, dry, tan, TILL. S4: (0-11") Similar to S3 (15-24").
16	S5	24	19	40 29 39 27	2.0 (1.3)	✓	S4: (11-23") SAND WITH SILT AND GRAVEL (SP-SM); ~70% fine sand, ~20% fine to coarse subangular gravel up to 1.5", ~10% silt, dry, dense, tan, TILL.
18	S6	24	19	25 25 22 29	2.0	✓	S5: (0-7") Similar to S4 (11-23"). S5: (7-9") GRAVEL; Gray, fine grained, TILL.
20	S7	24	19	7 20 24 32	0.0	✓	S5: (9-13") Similar to S4 (11-23"). S5: (13-16") NARROWLY GRADED SAND (SP); Medium sand, dry, black/brown, TILL. S5: (16-19") Similar to S4 (11-23").

ABBREVIATIONS:

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NM = NOT MEASURED
(ppm) = PARTS PER MILLION
IN. = INCHES
FT. = FEET
HSA = HOLLOW STEM AUGER
VAC EX. = VACUUM EXCAVATION

NOTES:

Boring vacuum excavated to 9.0 ft and then backfilled with cuttings on April 28, 2006. Boring completed with Hollow Stem Auger on May 2, 2006. Monitoring Well installed. When OVM readings were measured for S4 and S5, the ambient air reading was 1.3 ppm.

LITHOLOGY:



FILL



TILL



GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

PROJECT NAME: 50 Tufts Street
CITY/STATE: Sommerville, Massachusetts
GEI PROJECT NUMBER: 045160

BORING LOG

PAGE 2 of 2
MW105

DEPTH FT.	SAMPLE INFORMATION						LITHOLOGY	SOIL / BEDROCK DESCRIPTION
	TYPE and NO.	PEN IN.	REC IN.	Blow Count	PID (ppm)	RQD (%)		

22	S8	24	19	16 28 24 30	1.3			S6: (0-14") Similar to S4 (11-23"). S6: (14-19") Similar to S3 (15-24").
24	S9	24	14	19 37 37 47	0.0			S7: Similar to S4 (11-23"). S8: Similar to S4 (11-23"), but wet in bottom 2".
26	S10	24	15	22 22 25 27	0.0			S9: (0-8") Similar to S4 (11-23"), but wet. S9: (8-14") ROCK FRAGMENTS; Reddish-brown (8-10"), gray (10-14").
28	S11	24	18	27 32 50 44	0.0			S10: NARROWLY GRADED SAND WITH GRAVEL (SP); ~65% fine sand, ~35% fine to coarse subangular gravel up to 1.5", wet, dense, tan sand, gravel is reddish-brown/brown/gray, TILL . S11: (0-3") WIDELY GRADED SAND (SW); Fine to coarse sand, TILL. S11: (3-18") Similar to S4 (11-23"), but wet. Bottom of Borehole, 29 ft, no refusal.

ABBREVIATIONS:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
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NM = NOT MEASURED
(ppm) = PARTS PER MILLION
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HSA = HOLLOW STEM AUGER
VAC EX. = VACUUM EXCAVATION

NOTES:

Boring vacuum excavated to 9.0 ft and then backfilled with cuttings on April 28, 2006. Boring completed with Hollow Stem Auger on May 2, 2006. Monitoring Well installed. When OVM readings were measured for S4 and S5, the ambient air reading was 1.3 ppm.

LITHOLOGY:



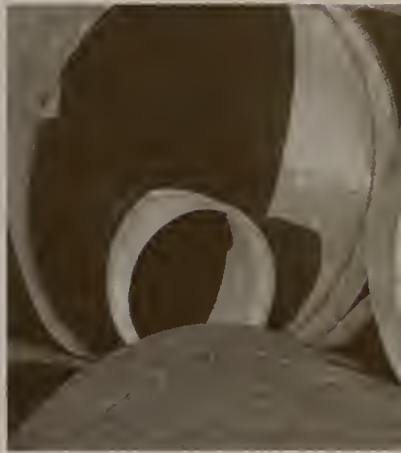
FILL



TILL



Geotechnical
Environmental and
Water Resources
Engineering



Appendix E

Soil Chemical Testing Laboratory Data Sheets



Technical Report for

GEI Consultants, Inc.

Tufts Street Somerville MA

045160

Accutest Job Number: M56182

Sampling Dates: 04/27/06 - 05/02/06

REVISED
6.29.06

REISSUED

Report to:

GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890-1970

ATTN: Paul Silva

Total number of pages in report: 728

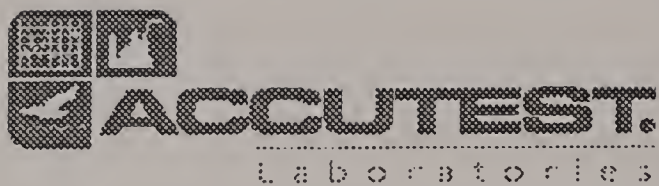


Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Fand
Lab Director

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579)
NY (23346) NJ (MA926) NAVY USACE

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SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: GEI Consultants, Inc.

Job No M56182

Site: Tufts Street Somerville MA

Report Date 6/28/2006 2:43:46 PM

11 Sample(s) were collected on between 04/27/2006 and 05/02/2006 and were received at Accutest on 05/03/2006 properly preserved, at 1.2 Deg. C and intact. These Samples received an Accutest job number of M56182. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO

Batch ID: MSM317

- ⌘ All samples were analyzed within the recommended method holding time.
- ⌘ All method blanks for this batch meet method specific criteria.
- ⌘ Sample(s) M56147-18MS, M56147-18MSD were used as the QC samples indicated.
- ⌘ Blank Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane, 1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Tetrahydrofuran are outside control limits. Associated samples are non-detect for this compound.
- ⌘ Matrix Spike/Matrix Spike Duplicate Recovery(s) for 1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Tetrahydrofuran are outside control limits. Associated samples are non-detect for this compound.
- ⌘ Blank Spike Duplicate Recovery(s) for MTBE, Methylene bromide, Naphthalene, tert-Amyl methyl ether, tert-Butyl ethyl ether, 1,2,3-Trichloropropane, 1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane, 1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Tetrahydrofuran are outside control limits. Associated samples are non-detect for this compound.
- ⌘ M56147-18MS/M56147-18MSD for Vinyl chloride: Outside control limits due to possible matrix interference. Refer to Blank Spike.
- ⌘ Initial calibration standards (batch MSM310) for Acetone, p-Isopropyltoluene were employed quadratic regression. The calibration of these compounds meets method requirement.

Matrix: SO

Batch ID: MSM319

- ⌘ All samples were analyzed within the recommended method holding time.
- ⌘ All method blanks for this batch meet method specific criteria.
- ⌘ Sample(s) M56212-1MS, M56212-1MSD were used as the QC samples indicated.
- ⌘ Matrix Spike/Matrix Spike Duplicate Recovery(s) for Acetone, o-Chlorotoluene, Tetrahydrofuran, Vinyl chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- ⌘ Matrix Spike/Matrix Spike Duplicate Recovery(s) for n-Propylbenzene, Ethylbenzene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, m,p-Xylene, Xylene (total), o-Xylene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- ⌘ RPD(s) for MSD for Acetone are outside control limits for sample M56212-1MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- ⌘ MSM319-BS for Carbon disulfide: Outside control limits. Associated samples are non-detect for this compound.

Matrix: SO

Batch ID: MSM321

- ⌘ All samples were analyzed within the recommended method holding time.
- ⌘ Sample(s) M56318-3MS, M56318-3MSD were used as the QC samples indicated.
- ⌘ All method blanks for this batch meet method specific criteria.
- ⌘ Blank Spike Recovery(s) for Bromodichloromethane, cis-1,3-Dichloropropene are outside control limits. Associated samples are non-detect for this compound.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO

Batch ID: MSM321

- ⌘ Matrix Spike/Matrix Spike Duplicate Recovery(s) for Vinyl chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- ⌘ MSM321-BSD for Carbon disulfide: Outside control limits. Associated samples are non-detect for this compound.
- ⌘ Initial calibration standards (batch MSM320) for 2,2-Dichloropropane were employed quadratic regression. The calibration of these compounds meets method requirement.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO

Batch ID: GN19684

- ⌘ Sample(s) M56148-1DUP were used as the QC samples for Solids, Percent.

Matrix: SO

Batch ID: GN19685

- ⌘ Sample(s) M56185-9DUP were used as the QC samples for Solids, Percent.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety. The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(M56182).



Massachusetts Department
of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-CAM

Exhibit VII A-1

21 May 2004

Revision No. 3.2

Final

Page 10 of 32

Title: MADEP MCP Response Action Analytical Report Certification Form

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Accutest Laboratories of New England

Project #: M56182

Project Location: Tufts Street Somerville MA

MADEP RTN ¹

None

This form provides certifications for the following data set:

M56182-1,M56182-13,M56182-15,M56182-18,M56182-19,M56182-20,M56182-27,M56182-3
M56182-4,M56182-5,M56182-7

Sample Matrices: Groundwater Soil/Sediment X Drinking Water () Other: () ()

MCP SW-846 Methods Used	8260B (X)	8151A ()	8330 ()	6010B ()	7470A/1A ()
	8270C ()	8081A ()	VPH ()	6020 ()	9014M ² ()
As specified in MADEP Compendium of Analytical Methods. (Check all that apply)	8082 ()	8021B ()	EPH ()	7000 S ³ ()	7196A ()
¹ List Release Tracking Number (RTN), if known ² M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method ³ S - SW-846 Methods 7000 Series. List individual method and analyte					

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty status"


A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No ¹
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No ¹
C	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No ¹
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No ¹

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No ¹
Refer to Narrative				
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No ¹
Refer to Narrative				

¹ All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:  Position: Laboratory Director

Printed Name: Reza Tand Date: 05/17/2006

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SECTION 1 GENERAL

1. Sample Results
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Sample Summary

GEI Consultants, Inc.

Job No: M56182

Tufts Street Somerville MA

Project No: 045160

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M56182-1	04/27/06	08:05 KJC	05/03/06	SO	Soil	045160-MW102S1
M56182-2	04/27/06	09:35 KJC	05/03/06	SO	Soil	045160-MW103AS1
M56182-3	04/27/06	10:35 KJC	05/03/06	SO	Soil	045160-MW103S1
M56182-4	04/27/06	13:50 KJC	05/03/06	SO	Soil	045160-MW101S1
M56182-5	04/28/06	11:20 KJC	05/03/06	SO	Soil	045160-MW105S1
M56182-6	05/01/06	08:20 KJC	05/03/06	SO	Soil	045160-MW102S4
M56182-7	05/01/06	10:30 KJC	05/03/06	SO	Soil	045160-MW103S2
M56182-8	05/01/06	11:05 KJC	05/03/06	SO	Soil	045160-MW103S5
M56182-9	05/01/06	08:10 KJC	05/03/06	SO	Soil	045160-MW102S3
M56182-10	05/01/06	08:50 KJC	05/03/06	SO	Soil	045160-MW102S6
M56182-11	05/01/06	10:55 KJC	05/03/06	SO	Soil	045160-MW103S4
M56182-12	05/01/06	07:55 KJC	05/03/06	SO	Soil	045160-MW102S2
M56182-13	05/01/06	08:30 KJC	05/03/06	SO	Soil	045160-MW102S5

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

GEI Consultants, Inc.

Job No: M56182

Tufts Street Somerville MA

Project No: 045160

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M56182-14	05/01/06	10:45 KJC	05/03/06	SO	Soil	045160-MW103S3
M56182-15	05/01/06	11:15 KJC	05/03/06	SO	Soil	045160-MW103S6
M56182-16	05/01/06	13:25 KJC	05/03/06	SO	Soil	045160-MW101S2
M56182-17	05/01/06	13:35 KJC	05/03/06	SO	Soil	045160-MW101S3
M56182-18	05/01/06	13:05 KJC	05/03/06	SO	Soil	045160-MW101S5
M56182-19	05/01/06	14:10 KJC	05/03/06	SO	Soil	045160-MW101S6
M56182-20	05/01/06	13:45 KJC	05/03/06	SO	Soil	045160-MW101S4
M56182-21	05/02/06	09:10 KJC	05/03/06	SO	Soil	045160-MW105S3
M56182-22	05/02/06	09:20 KJC	05/03/06	SO	Soil	045160-MW105S4
M56182-23	05/02/06	09:30 KJC	05/03/06	SO	Soil	045160-MW105S5
M56182-24	05/02/06	09:45 KJC	05/03/06	SO	Soil	045160-MW105S6
M56182-25	05/02/06	09:55 KJC	05/03/06	SO	Soil	045160-MW105S7
M56182-26	05/02/06	10:05 KJC	05/03/06	SO	Soil	045160-MW105S8

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

GEI Consultants, Inc.

Job No: M56182

Tufts Street Somerville MA
Project No: 045160

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M56182-27	05/02/06	10:15 KJC	05/03/06	SO	Soil	045160-MW105S9
M56182-28	05/02/06	10:30 KJC	05/03/06	SO	Soil	045160-MW105S10
M56182-29	05/02/06	10:40 KJC	05/03/06	SO	Soil	045160-MW105S11

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID: 045160-MW102S1
Lab Sample ID: M56182-1
Matrix: SO - Soil
Method: SW846 8260B
Project: Tufts Street Somerville MA

Date Sampled: 04/27/06
Date Received: 05/03/06
Percent Solids: 82.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9724.D	1	05/10/06	SC	n/a	n/a	MSM317
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.7 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	290	100	ug/kg	
71-43-2	Benzene	ND	29	21	ug/kg	
108-86-1	Bromobenzene	ND	290	9.3	ug/kg	
74-97-5	Bromochloromethane	ND	290	15	ug/kg	
75-27-4	Bromodichloromethane	ND	120	19	ug/kg	
75-25-2	Bromoform	ND	120	11	ug/kg	
74-83-9	Bromomethane	ND	120	21	ug/kg	
78-93-3	2-Butanone (MEK)	ND	290	180	ug/kg	
104-51-8	n-Butylbenzene	ND	290	18	ug/kg	
135-98-8	sec-Butylbenzene	ND	290	18	ug/kg	
98-06-6	tert-Butylbenzene	ND	290	14	ug/kg	
75-15-0	Carbon disulfide	ND	290	12	ug/kg	
56-23-5	Carbon tetrachloride	ND	120	17	ug/kg	
108-90-7	Chlorobenzene	ND	120	13	ug/kg	
75-00-3	Chloroethane	ND	290	16	ug/kg	
67-66-3	Chloroform	ND	120	28	ug/kg	
74-87-3	Chloromethane	ND	290	22	ug/kg	
95-49-8	o-Chlorotoluene	ND	290	20	ug/kg	
106-43-4	p-Chlorotoluene	ND	290	16	ug/kg	
108-20-3	Di-Isopropyl ether	ND	120	23	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	290	69	ug/kg	
124-48-1	Dibromochloromethane	ND	120	13	ug/kg	
106-93-4	1,2-Dibromoethane	ND	120	14	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	120	24	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	120	20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	120	21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	120	28	ug/kg	
75-34-3	1,1-Dichloroethane	ND	120	17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	120	13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	120	19	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	120	15	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	120	20	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW102S1		
Lab Sample ID:	M56182-1	Date Sampled:	04/27/06
Matrix:	SO - Soil	Date Received:	05/03/06
Method:	SW846 8260B	Percent Solids:	82.3
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	120	15	ug/kg	
142-28-9	1,3-Dichloropropane	ND	290	20	ug/kg	
594-20-7	2,2-Dichloropropane	ND	290	23	ug/kg	
563-58-6	1,1-Dichloropropene	ND	290	20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	120	18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	120	8.7	ug/kg	
123-91-1	1,4-Dioxane	ND	1500	440	ug/kg	
60-29-7	Ethyl Ether	ND	290	25	ug/kg	
100-41-4	Ethylbenzene	ND	120	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	22	ug/kg	
591-78-6	2-Hexanone	ND	290	120	ug/kg	
98-82-8	Isopropylbenzene	ND	290	14	ug/kg	
99-87-6	p-Isopropyltoluene	ND	290	18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	120	18	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	290	45	ug/kg	
74-95-3	Methylene bromide	ND	290	12	ug/kg	
75-09-2	Methylene chloride	ND	120	110	ug/kg	
91-20-3	Naphthalene	ND	290	29	ug/kg	
103-65-1	n-Propylbenzene	ND	290	16	ug/kg	
100-42-5	Styrene	ND	290	18	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	290	14	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	120	20	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	290	16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	120	22	ug/kg	
127-18-4	Tetrachloroethene	ND	120	22	ug/kg	
109-99-9	Tetrahydrofuran	ND	590	49	ug/kg	
108-88-3	Toluene	ND	290	19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	290	20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	120	15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	120	23	ug/kg	
79-01-6	Trichloroethene	ND	120	20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	120	25	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	290	17	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	290	16	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	290	18	ug/kg	
75-01-4	Vinyl chloride	ND	120	23	ug/kg	
	m,p-Xylene	ND	120	27	ug/kg	
95-47-6	o-Xylene	ND	120	15	ug/kg	
1330-20-7	Xylene (total)	ND	120	41	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW102S1	Date Sampled:	04/27/06
Lab Sample ID:	M56182-1	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	82.3
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82 %		70-130 %
2037-26-5	Toluene-D8	87 %		70-130 %
460-00-4	4-Bromofluorobenzene	91 %		73-128 %

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW103S1

Lab Sample ID: M56182-3

Date Sampled: 04/27/06

Matrix: SO - Soil

Date Received: 05/03/06

Method: SW846 8260B

Percent Solids: 85.9

Project: Tufts Street Somerville MA

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9725.D	1	05/10/06	SC	n/a	n/a	MSM317
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.2 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	300	110	ug/kg	
71-43-2	Benzene	ND	30	22	ug/kg	
108-86-1	Bromobenzene	ND	300	9.5	ug/kg	
74-97-5	Bromochloromethane	ND	300	15	ug/kg	
75-27-4	Bromodichloromethane	ND	120	20	ug/kg	
75-25-2	Bromoform	ND	120	11	ug/kg	
74-83-9	Bromomethane	ND	120	21	ug/kg	
78-93-3	2-Butanone (MEK)	ND	300	180	ug/kg	
104-51-8	n-Butylbenzene	ND	300	19	ug/kg	
135-98-8	sec-Butylbenzene	ND	300	19	ug/kg	
98-06-6	tert-Butylbenzene	ND	300	14	ug/kg	
75-15-0	Carbon disulfide	ND	300	12	ug/kg	
56-23-5	Carbon tetrachloride	ND	120	18	ug/kg	
108-90-7	Chlorobenzene	ND	120	14	ug/kg	
75-00-3	Chloroethane	ND	300	17	ug/kg	
67-66-3	Chloroform	ND	120	28	ug/kg	
74-87-3	Chloromethane	ND	300	23	ug/kg	
95-49-8	o-Chlorotoluene	ND	300	21	ug/kg	
106-43-4	p-Chlorotoluene	ND	300	16	ug/kg	
108-20-3	Di-Isopropyl ether	ND	120	24	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	300	71	ug/kg	
124-48-1	Dibromochloromethane	ND	120	14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	120	15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	120	25	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	120	20	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	120	21	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	120	29	ug/kg	
75-34-3	1,1-Dichloroethane	ND	120	18	ug/kg	
107-06-2	1,2-Dichloroethane	ND	120	14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	120	20	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	120	15	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	120	20	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW103S1	Date Sampled:	04/27/06
Lab Sample ID:	M56182-3	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	85.9
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	120	16	ug/kg	
142-28-9	1,3-Dichloropropane	ND	300	20	ug/kg	
594-20-7	2,2-Dichloropropane	ND	300	24	ug/kg	
563-58-6	1,1-Dichloropropene	ND	300	21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	120	18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	120	9.0	ug/kg	
123-91-1	1,4-Dioxane	ND	1500	450	ug/kg	
60-29-7	Ethyl Ether	ND	300	25	ug/kg	
100-41-4	Ethylbenzene	ND	120	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	22	ug/kg	
591-78-6	2-Hexanone	ND	300	120	ug/kg	
98-82-8	Isopropylbenzene	ND	300	14	ug/kg	
99-87-6	p-Isopropyltoluene	ND	300	19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	120	19	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	300	47	ug/kg	
74-95-3	Methylene bromide	ND	300	12	ug/kg	
75-09-2	Methylene chloride	ND	120	110	ug/kg	
91-20-3	Naphthalene	ND	300	29	ug/kg	
103-65-1	n-Propylbenzene	ND	300	17	ug/kg	
100-42-5	Styrene	ND	300	19	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	300	14	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	120	20	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	300	16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	120	22	ug/kg	
127-18-4	Tetrachloroethene	ND	120	23	ug/kg	
109-99-9	Tetrahydrofuran	ND	600	51	ug/kg	
108-88-3	Toluene	ND	300	19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	300	21	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	300	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	120	15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	120	24	ug/kg	
79-01-6	Trichloroethene	ND	120	21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	120	25	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	300	17	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	300	17	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	300	19	ug/kg	
75-01-4	Vinyl chloride	ND	120	24	ug/kg	
	m,p-Xylene	ND	120	27	ug/kg	
95-47-6	o-Xylene	ND	120	15	ug/kg	
1330-20-7	Xylene (total)	ND	120	42	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW103S1	Date Sampled:	04/27/06
Lab Sample ID:	M56182-3	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	85.9
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	92%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW101S1		
Lab Sample ID:	M56182-4	Date Sampled:	04/27/06
Matrix:	SO - Soil	Date Received:	05/03/06
Method:	SW846 8260B	Percent Solids:	75.2
Project:	Tufts Street Somerville MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9726.D	1	05/10/06	SC	n/a	n/a	MSM317
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.6 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	330	120	ug/kg	
71-43-2	Benzene	ND	33	24	ug/kg	
108-86-1	Bromobenzene	ND	330	10	ug/kg	
74-97-5	Bromochloromethane	ND	330	16	ug/kg	
75-27-4	Bromodichloromethane	ND	130	22	ug/kg	
75-25-2	Bromoform	ND	130	12	ug/kg	
74-83-9	Bromomethane	ND	130	23	ug/kg	
78-93-3	2-Butanone (MEK)	ND	330	200	ug/kg	
104-51-8	n-Butylbenzene	ND	330	21	ug/kg	
135-98-8	sec-Butylbenzene	ND	330	20	ug/kg	
98-06-6	tert-Butylbenzene	ND	330	15	ug/kg	
75-15-0	Carbon disulfide	ND	330	13	ug/kg	
56-23-5	Carbon tetrachloride	ND	130	19	ug/kg	
108-90-7	Chlorobenzene	ND	130	15	ug/kg	
75-00-3	Chloroethane	ND	330	18	ug/kg	
67-66-3	Chloroform	ND	130	31	ug/kg	
74-87-3	Chloromethane	ND	330	25	ug/kg	
95-49-8	o-Chlorotoluene	ND	330	23	ug/kg	
106-43-4	p-Chlorotoluene	ND	330	18	ug/kg	
108-20-3	Di-Isopropyl ether	ND	130	26	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	330	77	ug/kg	
124-48-1	Dibromochloromethane	ND	130	15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	130	16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	130	27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	130	22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	130	23	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	130	31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	130	19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	130	15	ug/kg	
75-35-4	1,1-Dichloroethene	ND	130	21	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	130	17	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	130	22	ug/kg	

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW101S1	Date Sampled:	04/27/06
Lab Sample ID:	M56182-4	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	75.2
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	130	17	ug/kg	
142-28-9	1,3-Dichloropropane	ND	330	22	ug/kg	
594-20-7	2,2-Dichloropropane	ND	330	26	ug/kg	
563-58-6	1,1-Dichloropropene	ND	330	23	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	130	20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	130	9.8	ug/kg	
123-91-1	1,4-Dioxane	ND	1600	490	ug/kg	
60-29-7	Ethyl Ether	ND	330	27	ug/kg	
100-41-4	Ethylbenzene	ND	130	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	330	24	ug/kg	
591-78-6	2-Hexanone	ND	330	130	ug/kg	
98-82-8	Isopropylbenzene	ND	330	16	ug/kg	
99-87-6	p-Isopropyltoluene	ND	330	20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	130	21	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	330	51	ug/kg	
74-95-3	Methylene bromide	ND	330	14	ug/kg	
75-09-2	Methylene chloride	ND	130	120	ug/kg	
91-20-3	Naphthalene	ND	330	32	ug/kg	
103-65-1	n-Propylbenzene	ND	330	18	ug/kg	
100-42-5	Styrene	ND	330	21	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	330	16	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	130	22	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	330	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	130	24	ug/kg	
127-18-4	Tetrachloroethene	989	130	25	ug/kg	
109-99-9	Tetrahydrofuran	ND	650	55	ug/kg	
108-88-3	Toluene	ND	330	21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	330	23	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	330	23	ug/kg	
71-55-6	1,1,1-Trichloroethane	76.7	130	17	ug/kg	J
79-00-5	1,1,2-Trichloroethane	ND	130	26	ug/kg	
79-01-6	Trichloroethene	358	130	23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	130	28	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	330	19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	330	18	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	330	20	ug/kg	
75-01-4	Vinyl chloride	ND	130	26	ug/kg	
	m,p-Xylene	ND	130	30	ug/kg	
95-47-6	o-Xylene	ND	130	17	ug/kg	
1330-20-7	Xylene (total)	ND	130	46	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW101S1	Date Sampled:	04/27/06
Lab Sample ID:	M56182-4	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	75.2
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	95%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW105S1

Lab Sample ID: M56182-5

Date Sampled: 04/28/06

Matrix: SO - Soil

Date Received: 05/03/06

Method: SW846 8260B

Percent Solids: 88.5

Project: Tufts Street Somerville MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9727.D	1	05/10/06	SC	n/a	n/a	MSM317
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	8.17 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	380	130	ug/kg	
71-43-2	Benzene	ND	38	28	ug/kg	
108-86-1	Bromobenzene	ND	380	12	ug/kg	
74-97-5	Bromochloromethane	ND	380	19	ug/kg	
75-27-4	Bromodichloromethane	ND	150	25	ug/kg	
75-25-2	Bromoform	ND	150	14	ug/kg	
74-83-9	Bromomethane	ND	150	27	ug/kg	
78-93-3	2-Butanone (MEK)	ND	380	230	ug/kg	
104-51-8	n-Butylbenzene	ND	380	24	ug/kg	
135-98-8	sec-Butylbenzene	ND	380	23	ug/kg	
98-06-6	tert-Butylbenzene	ND	380	18	ug/kg	
75-15-0	Carbon disulfide	ND	380	15	ug/kg	
56-23-5	Carbon tetrachloride	ND	150	22	ug/kg	
108-90-7	Chlorobenzene	ND	150	17	ug/kg	
75-00-3	Chloroethane	ND	380	21	ug/kg	
67-66-3	Chloroform	ND	150	36	ug/kg	
74-87-3	Chloromethane	ND	380	29	ug/kg	
95-49-8	o-Chlorotoluene	ND	380	26	ug/kg	
106-43-4	p-Chlorotoluene	ND	380	20	ug/kg	
108-20-3	Di-Isopropyl ether	ND	150	30	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	380	89	ug/kg	
124-48-1	Dibromochloromethane	ND	150	17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	150	19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	150	31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	150	25	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	150	27	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	150	36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	150	22	ug/kg	
107-06-2	1,2-Dichloroethane	ND	150	17	ug/kg	
75-35-4	1,1-Dichloroethene	ND	150	25	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	150	19	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	150	26	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW105S1	Date Sampled:	04/28/06
Lab Sample ID:	M56182-5	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	150	20	ug/kg	
142-28-9	1,3-Dichloropropane	ND	380	26	ug/kg	
594-20-7	2,2-Dichloropropane	ND	380	30	ug/kg	
563-58-6	1,1-Dichloropropene	ND	380	26	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	150	23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	150	11	ug/kg	
123-91-1	1,4-Dioxane	ND	1900	560	ug/kg	
60-29-7	Ethyl Ether	ND	380	32	ug/kg	
100-41-4	Ethylbenzene	ND	150	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	380	28	ug/kg	
591-78-6	2-Hexanone	ND	380	150	ug/kg	
98-82-8	Isopropylbenzene	ND	380	18	ug/kg	
99-87-6	p-Isopropyltoluene	ND	380	24	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	150	24	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	380	59	ug/kg	
74-95-3	Methylene bromide	ND	380	16	ug/kg	
75-09-2	Methylene chloride	ND	150	140	ug/kg	
91-20-3	Naphthalene	ND	380	37	ug/kg	
103-65-1	n-Propylbenzene	ND	380	21	ug/kg	
100-42-5	Styrene	ND	380	24	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	380	18	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	150	25	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	380	20	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	150	28	ug/kg	
127-18-4	Tetrachloroethene	ND	150	29	ug/kg	
109-99-9	Tetrahydrofuran	ND	760	64	ug/kg	
108-88-3	Toluene	ND	380	24	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	380	26	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	380	27	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	150	19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	150	30	ug/kg	
79-01-6	Trichloroethene	ND	150	26	ug/kg	
75-69-4	Trichlorofluoromethane	ND	150	32	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	380	22	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	380	21	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	380	24	ug/kg	
75-01-4	Vinyl chloride	ND	150	30	ug/kg	
	m,p-Xylene	ND	150	34	ug/kg	
95-47-6	o-Xylene	ND	150	19	ug/kg	
1330-20-7	Xylene (total)	ND	150	53	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW105S1	Date Sampled:	04/28/06
Lab Sample ID:	M56182-5	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	88.5
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	88%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW103S2
Lab Sample ID: M56182-7
Matrix: SO - Soil
Method: SW846 8260B
Project: Tufts Street Somerville MA

Date Sampled: 05/01/06
Date Received: 05/03/06
Percent Solids: 92.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9845.D	1	05/15/06	SC	n/a	n/a	MSM321
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.2 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	230	80	ug/kg	
71-43-2	Benzene	ND	23	17	ug/kg	
108-86-1	Bromobenzene	ND	230	7.2	ug/kg	
74-97-5	Bromochloromethane	ND	230	11	ug/kg	
75-27-4	Bromodichloromethane	ND	91	15	ug/kg	
75-25-2	Bromoform	ND	91	8.6	ug/kg	
74-83-9	Bromomethane	ND	91	16	ug/kg	
78-93-3	2-Butanone (MEK)	ND	230	140	ug/kg	
104-51-8	n-Butylbenzene	ND	230	14	ug/kg	
135-98-8	sec-Butylbenzene	ND	230	14	ug/kg	
98-06-6	tert-Butylbenzene	ND	230	11	ug/kg	
75-15-0	Carbon disulfide	ND	230	9.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	91	13	ug/kg	
108-90-7	Chlorobenzene	ND	91	10	ug/kg	
75-00-3	Chloroethane	ND	230	13	ug/kg	
67-66-3	Chloroform	ND	91	21	ug/kg	
74-87-3	Chloromethane	ND	230	17	ug/kg	
95-49-8	o-Chlorotoluene	ND	230	16	ug/kg	
106-43-4	p-Chlorotoluene	ND	230	12	ug/kg	
108-20-3	Di-Isopropyl ether	ND	91	18	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	230	54	ug/kg	
124-48-1	Dibromochloromethane	ND	91	10	ug/kg	
106-93-4	1,2-Dibromoethane	ND	91	11	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	91	19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	91	15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	91	16	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	91	22	ug/kg	
75-34-3	1,1-Dichloroethane	ND	91	13	ug/kg	
107-06-2	1,2-Dichloroethane	ND	91	10	ug/kg	
75-35-4	1,1-Dichloroethene	ND	91	15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	91	12	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	91	15	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW103S2	Date Sampled:	05/01/06
Lab Sample ID:	M56182-7	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	92.2
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	91	12	ug/kg	
142-28-9	1,3-Dichloropropane	ND	230	15	ug/kg	
594-20-7	2,2-Dichloropropane	ND	230	18	ug/kg	
563-58-6	1,1-Dichloropropene	ND	230	16	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	91	14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	91	6.8	ug/kg	
123-91-1	1,4-Dioxane	ND	1100	340	ug/kg	
60-29-7	Ethyl Ether	ND	230	19	ug/kg	
100-41-4	Ethylbenzene	ND	91	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	17	ug/kg	
591-78-6	2-Hexanone	ND	230	91	ug/kg	
98-82-8	Isopropylbenzene	ND	230	11	ug/kg	
99-87-6	p-Isopropyltoluene	ND	230	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	91	14	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	230	35	ug/kg	
74-95-3	Methylene bromide	ND	230	9.5	ug/kg	
75-09-2	Methylene chloride	ND	91	85	ug/kg	
91-20-3	Naphthalene	ND	230	22	ug/kg	
103-65-1	n-Propylbenzene	ND	230	13	ug/kg	
100-42-5	Styrene	ND	230	14	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	230	11	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	91	15	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	230	12	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	91	17	ug/kg	
127-18-4	Tetrachloroethene	ND	91	17	ug/kg	
109-99-9	Tetrahydrofuran	ND	450	38	ug/kg	
108-88-3	Toluene	ND	230	14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	230	16	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	16	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	91	12	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	91	18	ug/kg	
79-01-6	Trichloroethene	ND	91	16	ug/kg	
75-69-4	Trichlorofluoromethane	ND	91	19	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	230	13	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	230	13	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	230	14	ug/kg	
75-01-4	Vinyl chloride	ND	91	18	ug/kg	
	m,p-Xylene	ND	91	21	ug/kg	
95-47-6	o-Xylene	ND	91	12	ug/kg	
1330-20-7	Xylene (total)	ND	91	32	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW103S2	Date Sampled:	05/01/06
Lab Sample ID:	M56182-7	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	92.2
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	89%		70-130%
460-00-4	4-Bromofluorobenzene	88%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW102S5

Lab Sample ID: M56182-13

Date Sampled: 05/01/06

Matrix: SO - Soil

Date Received: 05/03/06

Method: SW846 8260B

Percent Solids: 91.6

Project: Tufts Street Somerville MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9768.D	1	05/11/06	SC	n/a	n/a	MSM319
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	14.7 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	210	73	ug/kg	
71-43-2	Benzene	ND	21	15	ug/kg	
108-86-1	Bromobenzene	ND	210	6.6	ug/kg	
74-97-5	Bromochloromethane	ND	210	10	ug/kg	
75-27-4	Bromodichloromethane	ND	83	14	ug/kg	
75-25-2	Bromoform	ND	83	7.9	ug/kg	
74-83-9	Bromomethane	ND	83	15	ug/kg	
78-93-3	2-Butanone (MEK)	ND	210	130	ug/kg	
104-51-8	n-Butylbenzene	ND	210	13	ug/kg	
135-98-8	sec-Butylbenzene	ND	210	13	ug/kg	
98-06-6	tert-Butylbenzene	ND	210	9.8	ug/kg	
75-15-0	Carbon disulfide	ND	210	8.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	83	12	ug/kg	
108-90-7	Chlorobenzene	ND	83	9.5	ug/kg	
75-00-3	Chloroethane	ND	210	12	ug/kg	
67-66-3	Chloroform	ND	83	20	ug/kg	
74-87-3	Chloromethane	ND	210	16	ug/kg	
95-49-8	o-Chlorotoluene	ND	210	15	ug/kg	
106-43-4	p-Chlorotoluene	ND	210	11	ug/kg	
108-20-3	Di-Isopropyl ether	ND	83	17	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	49	ug/kg	
124-48-1	Dibromochloromethane	ND	83	9.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	83	10	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	83	17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	83	14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	83	15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	83	20	ug/kg	
75-34-3	1,1-Dichloroethane	ND	83	12	ug/kg	
107-06-2	1,2-Dichloroethane	ND	83	9.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	83	14	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	83	11	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	83	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW102S5	Date Sampled:	05/01/06
Lab Sample ID:	M56182-13	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	91.6
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	83	11	ug/kg	
142-28-9	1,3-Dichloropropane	ND	210	14	ug/kg	
594-20-7	2,2-Dichloropropane	ND	210	17	ug/kg	
563-58-6	1,1-Dichloropropene	ND	210	14	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	83	13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	83	6.2	ug/kg	
123-91-1	1,4-Dioxane	ND	1000	310	ug/kg	
60-29-7	Ethyl Ether	ND	210	18	ug/kg	
100-41-4	Ethylbenzene	ND	83	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	15	ug/kg	
591-78-6	2-Hexanone	ND	210	83	ug/kg	
98-82-8	Isopropylbenzene	ND	210	9.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	210	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	83	13	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	210	32	ug/kg	
74-95-3	Methylene bromide	ND	210	8.7	ug/kg	
75-09-2	Methylene chloride	ND	83	78	ug/kg	
91-20-3	Naphthalene	ND	210	20	ug/kg	
103-65-1	n-Propylbenzene	ND	210	11	ug/kg	
100-42-5	Styrene	ND	210	13	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	210	10	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	83	14	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	210	11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	83	15	ug/kg	
127-18-4	Tetrachloroethene	164	83	16	ug/kg	
109-99-9	Tetrahydrofuran	ND	420	35	ug/kg	
108-88-3	Toluene	ND	210	13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	210	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	15	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	83	11	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	83	17	ug/kg	
79-01-6	Trichloroethene	ND	83	14	ug/kg	
75-69-4	Trichlorofluoromethane	ND	83	18	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	210	12	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	210	11	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	210	13	ug/kg	
75-01-4	Vinyl chloride	ND	83	17	ug/kg	
	m,p-Xylene	ND	83	19	ug/kg	
95-47-6	o-Xylene	ND	83	11	ug/kg	
1330-20-7	Xylene (total)	ND	83	29	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW102S5	Date Sampled:	05/01/06
Lab Sample ID:	M56182-13	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	91.6
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW103S6
 Lab Sample ID: M56182-15
 Matrix: SO - Soil
 Method: SW846 8260B
 Project: Tufts Street Somerville MA

Date Sampled: 05/01/06
 Date Received: 05/03/06
 Percent Solids: 87.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9769.D	1	05/11/06	SC	n/a	n/a	MSM319
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	16.9 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	210	72	ug/kg	
71-43-2	Benzene	ND	21	15	ug/kg	
108-86-1	Bromobenzene	ND	210	6.5	ug/kg	
74-97-5	Bromochloromethane	ND	210	10	ug/kg	
75-27-4	Bromodichloromethane	ND	82	14	ug/kg	
75-25-2	Bromoform	ND	82	7.8	ug/kg	
74-83-9	Bromomethane	ND	82	15	ug/kg	
78-93-3	2-Butanone (MEK)	ND	210	120	ug/kg	
104-51-8	n-Butylbenzene	ND	210	13	ug/kg	
135-98-8	sec-Butylbenzene	ND	210	13	ug/kg	
98-06-6	tert-Butylbenzene	ND	210	9.6	ug/kg	
75-15-0	Carbon disulfide	ND	210	8.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	82	12	ug/kg	
108-90-7	Chlorobenzene	ND	82	9.4	ug/kg	
75-00-3	Chloroethane	ND	210	12	ug/kg	
67-66-3	Chloroform	ND	82	19	ug/kg	
74-87-3	Chloromethane	ND	210	16	ug/kg	
95-49-8	o-Chlorotoluene	ND	210	14	ug/kg	
106-43-4	p-Chlorotoluene	ND	210	11	ug/kg	
108-20-3	Di-Isopropyl ether	ND	82	16	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	48	ug/kg	
124-48-1	Dibromochloromethane	ND	82	9.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	82	10	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	82	17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	82	14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	82	15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	82	20	ug/kg	
75-34-3	1,1-Dichloroethane	ND	82	12	ug/kg	
107-06-2	1,2-Dichloroethane	ND	82	9.4	ug/kg	
75-35-4	1,1-Dichloroethene	ND	82	13	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	82	11	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	82	14	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW103S6	Date Sampled:	05/01/06
Lab Sample ID:	M56182-15	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	87.4
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	82	11	ug/kg	
142-28-9	1,3-Dichloropropane	ND	210	14	ug/kg	
594-20-7	2,2-Dichloropropane	ND	210	16	ug/kg	
563-58-6	1,1-Dichloropropene	ND	210	14	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	82	12	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	82	6.1	ug/kg	
123-91-1	1,4-Dioxane	ND	1000	310	ug/kg	
60-29-7	Ethyl Ether	ND	210	17	ug/kg	
100-41-4	Ethylbenzene	ND	82	9.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	15	ug/kg	
591-78-6	2-Hexanone	ND	210	82	ug/kg	
98-82-8	Isopropylbenzene	ND	210	9.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	210	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	82	13	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	210	32	ug/kg	
74-95-3	Methylene bromide	ND	210	8.5	ug/kg	
75-09-2	Methylene chloride	ND	82	76	ug/kg	
91-20-3	Naphthalene	ND	210	20	ug/kg	
103-65-1	n-Propylbenzene	ND	210	11	ug/kg	
100-42-5	Styrene	ND	210	13	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	210	9.9	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	82	14	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	210	11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	82	15	ug/kg	
127-18-4	Tetrachloroethene	722	82	16	ug/kg	
109-99-9	Tetrahydrofuran	ND	410	35	ug/kg	
108-88-3	Toluene	ND	210	13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	210	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	15	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	82	11	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	82	16	ug/kg	
79-01-6	Trichloroethene	ND	82	14	ug/kg	
75-69-4	Trichlorofluoromethane	ND	82	17	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	210	12	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	210	11	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	210	13	ug/kg	
75-01-4	Vinyl chloride	ND	82	16	ug/kg	
	m,p-Xylene	ND	82	19	ug/kg	
95-47-6	o-Xylene	ND	82	10	ug/kg	
1330-20-7	Xylene (total)	ND	82	29	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW103S6	Date Sampled:	05/01/06
Lab Sample ID:	M56182-15	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	87.4
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	98%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW101S5

Lab Sample ID: M56182-18

Date Sampled: 05/01/06

Matrix: SO - Soil

Date Received: 05/03/06

Method: SW846 8260B

Percent Solids: 84.4

Project: Tufts Street Somerville MA

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9770.D	1	05/11/06	SC	n/a	n/a	MSM319
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.9 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	260	91	ug/kg	
71-43-2	Benzene	ND	26	19	ug/kg	
108-86-1	Bromobenzene	ND	260	8.2	ug/kg	
74-97-5	Bromochloromethane	ND	260	13	ug/kg	
75-27-4	Bromodichloromethane	ND	100	17	ug/kg	
75-25-2	Bromoform	ND	100	9.9	ug/kg	
74-83-9	Bromomethane	ND	100	18	ug/kg	
78-93-3	2-Butanone (MEK)	ND	260	160	ug/kg	
104-51-8	n-Butylbenzene	ND	260	16	ug/kg	
135-98-8	sec-Butylbenzene	ND	260	16	ug/kg	
98-06-6	tert-Butylbenzene	ND	260	12	ug/kg	
75-15-0	Carbon disulfide	ND	260	11	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	15	ug/kg	
108-90-7	Chlorobenzene	ND	100	12	ug/kg	
75-00-3	Chloroethane	ND	260	15	ug/kg	
67-66-3	Chloroform	ND	100	25	ug/kg	
74-87-3	Chloromethane	ND	260	20	ug/kg	
95-49-8	o-Chlorotoluene	ND	260	18	ug/kg	
106-43-4	p-Chlorotoluene	ND	260	14	ug/kg	
108-20-3	Di-Isopropyl ether	ND	100	21	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	260	61	ug/kg	
124-48-1	Dibromochloromethane	ND	100	12	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	13	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	22	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	100	25	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	12	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	13	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	18	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW101S5	Date Sampled:	05/01/06
Lab Sample ID:	M56182-18	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	84.4
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	100	14	ug/kg	
142-28-9	1,3-Dichloropropane	ND	260	18	ug/kg	
594-20-7	2,2-Dichloropropane	ND	260	21	ug/kg	
563-58-6	1,1-Dichloropropene	ND	260	18	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	7.7	ug/kg	
123-91-1	1,4-Dioxane	ND	1300	390	ug/kg	
60-29-7	Ethyl Ether	ND	260	22	ug/kg	
100-41-4	Ethylbenzene	ND	100	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	19	ug/kg	
591-78-6	2-Hexanone	ND	260	100	ug/kg	
98-82-8	Isopropylbenzene	ND	260	12	ug/kg	
99-87-6	p-Isopropyltoluene	ND	260	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	16	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	260	40	ug/kg	
74-95-3	Methylene bromide	ND	260	11	ug/kg	
75-09-2	Methylene chloride	ND	100	97	ug/kg	
91-20-3	Naphthalene	ND	260	25	ug/kg	
103-65-1	n-Propylbenzene	ND	260	14	ug/kg	
100-42-5	Styrene	ND	260	16	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	260	13	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	17	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	260	14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	19	ug/kg	
127-18-4	Tetrachloroethene	54.0	100	20	ug/kg	J
109-99-9	Tetrahydrofuran	ND	520	44	ug/kg	
108-88-3	Toluene	ND	260	16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	260	18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	21	ug/kg	
79-01-6	Trichloroethene	ND	100	18	ug/kg	
75-69-4	Trichlorofluoromethane	ND	100	22	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	260	15	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	260	14	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	260	16	ug/kg	
75-01-4	Vinyl chloride	ND	100	21	ug/kg	
	m,p-Xylene	ND	100	24	ug/kg	
95-47-6	o-Xylene	ND	100	13	ug/kg	
1330-20-7	Xylene (total)	ND	100	36	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW101S5	Date Sampled:	05/01/06
Lab Sample ID:	M56182-18	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	84.4
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	95%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW101S6
 Lab Sample ID: M56182-19
 Matrix: SO - Soil
 Method: SW846 8260B
 Project: Tufts Street Somerville MA

Date Sampled: 05/01/06
 Date Received: 05/03/06
 Percent Solids: 83.9

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9771.D	1	05/11/06	SC	n/a	n/a	MSM319
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	16.1 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	230	82	ug/kg	
71-43-2	Benzene	ND	23	17	ug/kg	
108-86-1	Bromobenzene	ND	230	7.4	ug/kg	
74-97-5	Bromochloromethane	ND	230	12	ug/kg	
75-27-4	Bromodichloromethane	ND	93	15	ug/kg	
75-25-2	Bromoform	ND	93	8.9	ug/kg	
74-83-9	Bromomethane	ND	93	17	ug/kg	
78-93-3	2-Butanone (MEK)	ND	230	140	ug/kg	
104-51-8	n-Butylbenzene	ND	230	15	ug/kg	
135-98-8	sec-Butylbenzene	ND	230	14	ug/kg	
98-06-6	tert-Butylbenzene	ND	230	11	ug/kg	
75-15-0	Carbon disulfide	ND	230	9.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	93	14	ug/kg	
108-90-7	Chlorobenzene	ND	93	11	ug/kg	
75-00-3	Chloroethane	ND	230	13	ug/kg	
67-66-3	Chloroform	ND	93	22	ug/kg	
74-87-3	Chloromethane	ND	230	18	ug/kg	
95-49-8	o-Chlorotoluene	ND	230	16	ug/kg	
106-43-4	p-Chlorotoluene	ND	230	13	ug/kg	
108-20-3	Di-Isopropyl ether	ND	93	19	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	230	55	ug/kg	
124-48-1	Dibromochloromethane	ND	93	11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	93	11	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	93	19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	93	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	93	17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	93	22	ug/kg	
75-34-3	1,1-Dichloroethane	ND	93	14	ug/kg	
107-06-2	1,2-Dichloroethane	ND	93	11	ug/kg	
75-35-4	1,1-Dichloroethene	ND	93	15	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	93	12	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	93	16	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW101S6	Date Sampled:	05/01/06
Lab Sample ID:	M56182-19	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	83.9
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	93	12	ug/kg	
142-28-9	1,3-Dichloropropane	ND	230	16	ug/kg	
594-20-7	2,2-Dichloropropane	ND	230	19	ug/kg	
563-58-6	1,1-Dichloropropene	ND	230	16	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	93	14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	93	7.0	ug/kg	
123-91-1	1,4-Dioxane	ND	1200	350	ug/kg	
60-29-7	Ethyl Ether	ND	230	20	ug/kg	
100-41-4	Ethylbenzene	ND	93	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	17	ug/kg	
591-78-6	2-Hexanone	ND	230	93	ug/kg	
98-82-8	Isopropylbenzene	ND	230	11	ug/kg	
99-87-6	p-Isopropyltoluene	ND	230	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	93	15	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	230	36	ug/kg	
74-95-3	Methylene bromide	ND	230	9.7	ug/kg	
75-09-2	Methylene chloride	ND	93	87	ug/kg	
91-20-3	Naphthalene	ND	230	23	ug/kg	
103-65-1	n-Propylbenzene	ND	230	13	ug/kg	
100-42-5	Styrene	ND	230	15	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	230	11	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	93	16	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	230	13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	93	17	ug/kg	
127-18-4	Tetrachloroethene	69.9	93	18	ug/kg	J
109-99-9	Tetrahydrofuran	ND	470	39	ug/kg	
108-88-3	Toluene	ND	230	15	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	230	16	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	93	12	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	93	19	ug/kg	
79-01-6	Trichloroethene	ND	93	16	ug/kg	
75-69-4	Trichlorofluoromethane	ND	93	20	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	230	13	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	230	13	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	230	15	ug/kg	
75-01-4	Vinyl chloride	ND	93	19	ug/kg	
	m,p-Xylene	ND	93	21	ug/kg	
95-47-6	o-Xylene	ND	93	12	ug/kg	
1330-20-7	Xylene (total)	ND	93	33	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW101S6
Lab Sample ID: M56182-19
Matrix: SO - Soil
Method: SW846 8260B
Project: Tufts Street Somerville MA

Date Sampled: 05/01/06
Date Received: 05/03/06
Percent Solids: 83.9

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	94%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW101S4
Lab Sample ID: M56182-20
Matrix: SO - Soil
Method: SW846 8260B
Project: Tufts Street Somerville MA

Date Sampled: 05/01/06
Date Received: 05/03/06
Percent Solids: 86.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9772.D	1	05/11/06	SC	n/a	n/a	MSM319
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.8 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	250	89	ug/kg	
71-43-2	Benzene	ND	25	18	ug/kg	
108-86-1	Bromobenzene	ND	250	8.0	ug/kg	
74-97-5	Bromochloromethane	ND	250	13	ug/kg	
75-27-4	Bromodichloromethane	ND	100	17	ug/kg	
75-25-2	Bromoform	ND	100	9.6	ug/kg	
74-83-9	Bromomethane	ND	100	18	ug/kg	
78-93-3	2-Butanone (MEK)	ND	250	150	ug/kg	
104-51-8	n-Butylbenzene	ND	250	16	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	16	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	12	ug/kg	
75-15-0	Carbon disulfide	ND	250	10	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	15	ug/kg	
108-90-7	Chlorobenzene	ND	100	11	ug/kg	
75-00-3	Chloroethane	ND	250	14	ug/kg	
67-66-3	Chloroform	ND	100	24	ug/kg	
74-87-3	Chloromethane	ND	250	19	ug/kg	
95-49-8	o-Chlorotoluene	ND	250	18	ug/kg	
106-43-4	p-Chlorotoluene	ND	250	14	ug/kg	
108-20-3	Di-Isopropyl ether	ND	100	20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	59	ug/kg	
124-48-1	Dibromochloromethane	ND	100	11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	12	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	100	24	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	12	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	17	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	13	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	17	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW101S4
 Lab Sample ID: M56182-20
 Matrix: SO - Soil
 Method: SW846 8260B
 Project: Tufts Street Somerville MA

Date Sampled: 05/01/06
 Date Received: 05/03/06
 Percent Solids: 86.0

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	100	13	ug/kg	
142-28-9	1,3-Dichloropropane	ND	250	17	ug/kg	
594-20-7	2,2-Dichloropropane	ND	250	20	ug/kg	
563-58-6	1,1-Dichloropropene	ND	250	17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	7.5	ug/kg	
123-91-1	1,4-Dioxane	ND	1300	370	ug/kg	
60-29-7	Ethyl Ether	ND	250	21	ug/kg	
100-41-4	Ethylbenzene	ND	100	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	19	ug/kg	
591-78-6	2-Hexanone	ND	250	100	ug/kg	
98-82-8	Isopropylbenzene	ND	250	12	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	16	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	39	ug/kg	
74-95-3	Methylene bromide	ND	250	10	ug/kg	
75-09-2	Methylene chloride	ND	100	94	ug/kg	
91-20-3	Naphthalene	ND	250	25	ug/kg	
103-65-1	n-Propylbenzene	ND	250	14	ug/kg	
100-42-5	Styrene	ND	250	16	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	250	12	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	17	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	19	ug/kg	
127-18-4	Tetrachloroethene	64.9	100	19	ug/kg	J
109-99-9	Tetrahydrofuran	ND	500	42	ug/kg	
108-88-3	Toluene	ND	250	16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	20	ug/kg	
79-01-6	Trichloroethene	ND	100	17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	100	21	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	15	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	14	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	16	ug/kg	
75-01-4	Vinyl chloride	ND	100	20	ug/kg	
	m,p-Xylene	ND	100	23	ug/kg	
95-47-6	o-Xylene	ND	100	13	ug/kg	
1330-20-7	Xylene (total)	ND	100	35	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 045160-MW101S4	
Lab Sample ID: M56182-20	Date Sampled: 05/01/06
Matrix: SO - Soil	Date Received: 05/03/06
Method: SW846 8260B	Percent Solids: 86.0
Project: Tufts Street Somerville MA	

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	98%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW105S9	Date Sampled:	05/02/06
Lab Sample ID:	M56182-27	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	90.7
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M9773.D	1	05/11/06	SC	n/a	n/a	MSM319
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	15.2 g	10.0 ml	100 ul
Run #2			

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	210	73	ug/kg	
71-43-2	Benzene	ND	21	15	ug/kg	
108-86-1	Bromobenzene	ND	210	6.5	ug/kg	
74-97-5	Bromochloromethane	ND	210	10	ug/kg	
75-27-4	Bromodichloromethane	ND	83	14	ug/kg	
75-25-2	Bromoform	ND	83	7.9	ug/kg	
74-83-9	Bromomethane	ND	83	15	ug/kg	
78-93-3	2-Butanone (MEK)	ND	210	120	ug/kg	
104-51-8	n-Butylbenzene	ND	210	13	ug/kg	
135-98-8	sec-Butylbenzene	ND	210	13	ug/kg	
98-06-6	tert-Butylbenzene	ND	210	9.7	ug/kg	
75-15-0	Carbon disulfide	ND	210	8.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	83	12	ug/kg	
108-90-7	Chlorobenzene	ND	83	9.4	ug/kg	
75-00-3	Chloroethane	ND	210	12	ug/kg	
67-66-3	Chloroform	ND	83	20	ug/kg	
74-87-3	Chloromethane	ND	210	16	ug/kg	
95-49-8	o-Chlorotoluene	ND	210	14	ug/kg	
106-43-4	p-Chlorotoluene	ND	210	11	ug/kg	
108-20-3	Di-Isopropyl ether	ND	83	17	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	49	ug/kg	
124-48-1	Dibromochloromethane	ND	83	9.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	83	10	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	83	17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	83	14	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	83	15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	83	20	ug/kg	
75-34-3	1,1-Dichloroethane	ND	83	12	ug/kg	
107-06-2	1,2-Dichloroethane	ND	83	9.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	83	14	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	83	11	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	83	14	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW105S9	Date Sampled:	05/02/06
Lab Sample ID:	M56182-27	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	90.7
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	83	11	ug/kg	
142-28-9	1,3-Dichloropropane	ND	210	14	ug/kg	
594-20-7	2,2-Dichloropropane	ND	210	17	ug/kg	
563-58-6	1,1-Dichloropropene	ND	210	14	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	83	13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	83	6.2	ug/kg	
123-91-1	1,4-Dioxane	ND	1000	310	ug/kg	
60-29-7	Ethyl Ether	ND	210	17	ug/kg	
100-41-4	Ethylbenzene	ND	83	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	15	ug/kg	
591-78-6	2-Hexanone	ND	210	83	ug/kg	
98-82-8	Isopropylbenzene	ND	210	9.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	210	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	83	13	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	210	32	ug/kg	
74-95-3	Methylene bromide	ND	210	8.6	ug/kg	
75-09-2	Methylene chloride	ND	83	77	ug/kg	
91-20-3	Naphthalene	ND	210	20	ug/kg	
103-65-1	n-Propylbenzene	ND	210	11	ug/kg	
100-42-5	Styrene	ND	210	13	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	210	10	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	83	14	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	210	11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	83	15	ug/kg	
127-18-4	Tetrachloroethene	ND	83	16	ug/kg	
109-99-9	Tetrahydrofuran	ND	410	35	ug/kg	
108-88-3	Toluene	ND	210	13	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	210	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	15	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	83	11	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	83	16	ug/kg	
79-01-6	Trichloroethene	ND	83	14	ug/kg	
75-69-4	Trichlorofluoromethane	ND	83	18	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	210	12	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	210	11	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	210	13	ug/kg	
75-01-4	Vinyl chloride	ND	83	16	ug/kg	
	m,p-Xylene	ND	83	19	ug/kg	
95-47-6	o-Xylene	ND	83	11	ug/kg	
1330-20-7	Xylene (total)	ND	83	29	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	045160-MW105S9	Date Sampled:	05/02/06
Lab Sample ID:	M56182-27	Date Received:	05/03/06
Matrix:	SO - Soil	Percent Solids:	90.7
Method:	SW846 8260B		
Project:	Tufts Street Somerville MA		

VOA MCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	92%		73-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Internal Chain of Custody

Job Number: M56182
 Account: GEI GEI Consultants, Inc.
 Project: Tufts Street Somerville MA
 Received: 05/03/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
M56182-1.1	VOC Ref #3	Sandra Caires	05/10/06 16:05	Retrieve from Storage
M56182-1.1	Sandra Caires	VOC Ref #4	05/10/06 16:32	Return to Storage
M56182-1.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-1.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-3.1	VOC Ref #3	Sandra Caires	05/10/06 16:05	Retrieve from Storage
M56182-3.1	Sandra Caires	VOC Ref #4	05/10/06 16:32	Return to Storage
M56182-3.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-3.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-4.1	VOC Ref #3	Sandra Caires	05/10/06 16:05	Retrieve from Storage
M56182-4.1	Sandra Caires	VOC Ref #4	05/10/06 16:32	Return to Storage
M56182-4.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-4.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-5.1	VOC Ref #3	Sandra Caires	05/10/06 16:05	Retrieve from Storage
M56182-5.1	Sandra Caires	VOC Ref #4	05/10/06 16:32	Return to Storage
M56182-5.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-5.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-7.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-7.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-7.1	VOC Ref #4	Sandra Caires	05/15/06 11:43	Retrieve from Storage
M56182-7.1	Sandra Caires	VOC Ref #4	05/15/06 15:07	Return to Storage
M56182-7.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-7.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-13.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-13.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-13.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-13.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-15.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-15.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-15.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-15.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage

Accutest Internal Chain of Custody

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA
Received: 05/03/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
M56182-18.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-18.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-18.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-18.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-19.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-19.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-19.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-19.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-20.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-20.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-20.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-20.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage
M56182-27.1	VOC Ref #4	Sandra Caires	05/11/06 16:35	Retrieve from Storage
M56182-27.1	Sandra Caires	VOC Ref #4	05/11/06 16:50	Return to Storage
M56182-27.2	Walk In Ref #9	Crystall Freda	05/04/06 16:06	Retrieve from Storage
M56182-27.2	Crystall Freda	Walk In Ref #9	05/04/06 16:50	Return to Storage

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M56182

Tufts Street Somerville MA

Project No: 045160

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M56182-1 Collected: 27-APR-06 08:05 By: KJC Received: 03-MAY-06 By: RS 045160-MW102S1						
M56182-1	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-1	SW846 8260B	10-MAY-06 22:00	SC			V8260MCP
M56182-3 Collected: 27-APR-06 10:35 By: KJC Received: 03-MAY-06 By: RS 045160-MW103S1						
M56182-3	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-3	SW846 8260B	10-MAY-06 22:28	SC			V8260MCP
M56182-4 Collected: 27-APR-06 13:50 By: KJC Received: 03-MAY-06 By: RS 045160-MW101S1						
M56182-4	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-4	SW846 8260B	10-MAY-06 22:55	SC			V8260MCP
M56182-5 Collected: 28-APR-06 11:20 By: KJC Received: 03-MAY-06 By: RS 045160-MW105S1						
M56182-5	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-5	SW846 8260B	10-MAY-06 23:23	SC			V8260MCP
M56182-7 Collected: 01-MAY-06 10:30 By: KJC Received: 03-MAY-06 By: RS 045160-MW103S2						
M56182-7	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-7	SW846 8260B	15-MAY-06 14:45	SC			V8260MCP
M56182-13 Collected: 01-MAY-06 08:30 By: KJC Received: 03-MAY-06 By: RS 045160-MW102S5						
M56182-13	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-13	SW846 8260B	11-MAY-06 20:15	SC			V8260MCP
M56182-15 Collected: 01-MAY-06 11:15 By: KJC Received: 03-MAY-06 By: RS 045160-MW103S6						
M56182-15	EPA 160.3 M	04-MAY-06	CF			%SOL

Internal Sample Tracking Chronicle

GEI Consultants, Inc.

Job No: M56182

Tufts Street Somerville MA
Project No: 045160

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
M56182-15	SW846 8260B	11-MAY-06 20:43	SC			V8260MCP
M56182-18 Collected: 01-MAY-06 13:05 By: KJC Received: 03-MAY-06 By: RS 045160-MW101S5						
M56182-18	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-18	SW846 8260B	11-MAY-06 21:11	SC			V8260MCP
M56182-19 Collected: 01-MAY-06 14:10 By: KJC Received: 03-MAY-06 By: RS 045160-MW101S6						
M56182-19	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-19	SW846 8260B	11-MAY-06 21:39	SC			V8260MCP
M56182-20 Collected: 01-MAY-06 13:45 By: KJC Received: 03-MAY-06 By: RS 045160-MW101S4						
M56182-20	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-20	SW846 8260B	11-MAY-06 22:09	SC			V8260MCP
M56182-27 Collected: 02-MAY-06 10:15 By: KJC Received: 03-MAY-06 By: RS 045160-MW105S9						
M56182-27	EPA 160.3 M	04-MAY-06	CF			%SOL
M56182-27	SW846 8260B	11-MAY-06 22:36	SC			V8260MCP

Chain-of-Custody Record

Laboratory:

Accutest

Laboratory Job #

M56182

GEI



Consultants

1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Name:

Tufts St

Project Number:

045160

Send Report to:

Paul Silva

Send EDD to: labdata@geiconsultants.com

Project Location:

Somerville, MA

Project Manager:

Mark Ensign

Page 1 of 5

Sample Handling

Samples Field

Filtered

YES NO NA

Sampled Shipped

With Ice

YES NO

Sample Specific Remarks

Hold

MCP PRESUMPTIVE CERTAINITY REQUIRED

YES

NO

If Yes, Are MCP Analytical Methods Required?

YES

NO

NA

If Yes, Are Drinking Water Samples Submitted?

YES

NO

NA

If Yes, Have You Met Minimum Field QC Requirements?

YES

NO

NA

Lab Sample Number

GEI Sample ID

Collection Date

Time

Matrix

No. of Bottles

Sample(s) Initials

VOCs

% Solids

-1 045160 - MW 10251

4/27/06

0805

SO

2

KTC

✓

✓

✓

✓

✓

✓

✓

✓

-2 045160 - MW 103851

4/27/06

0935

SO

2

KTC

✓

✓

✓

✓

✓

✓

✓

✓

-3 045160 - MW 10351

4/27/06

1035

SO

2

KTC

✓

✓

✓

✓

✓

✓

✓

✓

-4 045160 - MW 10151

4/27/06

1350

SO

2

KTC

✓

✓

✓

✓

✓

✓

✓

✓

MCP Level Needed: GEI requires that all samples be analyzed by MCP standard be met for all analyses. If not, please indicate the reason.

Retrieved by sampler (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Retrieved by (signature)

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Time:

Received by (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Received by (signature)

Date:

Time:

Turnaround Time (Business days):

Normal

10-Day

5-Day

Other

7-Day

3-Day

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:

462, 11F

1, 2

Chain-of-Custody Record

Laboratory: **Accutest**

Laboratory Job #

MS6182



GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Name: **Tufts St**

Project Number: **045160**

Send Report to: **Paul Silva**

Send EDD to: **labdata@gelconsultants.com**

Project Location: **Somerville, MA**

Project Manager: **Mark Eusign**

Method
None

Preservative

Analysts

Page **2** of **5**

Sample Handling

Samples Field Filtered
YES NO **NA**

Sampled Shipped With Ice
YES NO

Sample Specific Remarks

MCP PRESUMPTIVE CERTAIN REQUIRED - **YES** NO

If Yes, Are MCP Analytical Methods Required?

If Yes, Are Drinking Water Samples Submitted?

If Yes, Have You Met Minimum Field QC Requirements?

YES NO

YES NO

YES NO

NO NA

NO NA

NO NA

NA

NA

NA

Sample Number

GEI Sample ID

Collection Date

Time

Field

No. of Bottles

Sample(s) Initials

-5 045160-0410551

4/26/06

1120

50

2

KSC

VOC
NO Solids

MCP requires the most stringent Method 1 MCP standard be met for all analytes. Otherwise, possible.

Relinquished by sampler (signature)

Date:

Time:

Received by: (signature)

Turnaround Time (Business days)

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Relinquished by: (signature)

Date:

Time:

Received by: (signature)

Normal ☒ Other ☐
10-Day ☐ 7-Day ☐
5-Day ☐ 3-Day ☐

Relinquished by: (signature)

Date:

Time:

Received by: (signature)

Additional Requirements/Comments/Remarks

Relinquished by: (signature)

Date:

Time:

Received by: (signature)

12

Chain-of-Custody Record

Laboratory

Inquest

Laboratory Job #

MS6182

GEL



Consultants

1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Name: Tufts St.

Project Number: 045160

Send Report to: Paul Silva

Send EDD to: labdata@geiconsultants.com

Page 3 of 5

Project Location: Scituate, MA

Project Manager: M. Ensign

Sample Handling

Samples Field Filtered

YES NO (NA)

Sample Shipped With Ice

YES NO

MCP PRESUMPTIVE CERTAINTY REQUIRED - (YES) NO

If Yes, Are MCP Analytical Methods Required?

If Yes, Are Drinking Water Samples Submitted?

If Yes, Have You Met Minimum Field QC Requirements?

(YES) NO NA

(YES) NO NA

(YES) NO NA

Lab Sample Number	GEL Sample ID	Selection Date	Time	Matrix	No. of Bottles	Sampler(s) Initials
-------------------	---------------	----------------	------	--------	----------------	---------------------

-6	045160 MW102 S4	5/1/06	0820	SD	2	KJC
----	-----------------	--------	------	----	---	-----

-7	MW103 S2		1030			
----	----------	--	------	--	--	--

-8	MW103 S5		1105			
----	----------	--	------	--	--	--

-9	MW102 S3		0810			
----	----------	--	------	--	--	--

-10	MW102 S4		0850			
-----	----------	--	------	--	--	--

-11	MW103 S4		1055			
-----	----------	--	------	--	--	--

-12	MW102 S2		0755			
-----	----------	--	------	--	--	--

-13	MW102 S6		0830			
-----	----------	--	------	--	--	--

-14	MW103 S3		1045			
-----	----------	--	------	--	--	--

-15	MW103 S6		1115			
-----	----------	--	------	--	--	--

-16	MW101 S2		1325			
-----	----------	--	------	--	--	--

-17	MW101 S3		1335			
-----	----------	--	------	--	--	--

MCP Lab Method 102 S4 is the most stringent Method 1 MCP standard for all analytes which ever possible.

Relinquished by sampler (signature):

Relinquished by (signature):

Relinquished by (signature):

Relinquished by (signature):

Relinquished by (signature):

Relinquished by (signature):

Relinquished by (signature):

Relinquished by (signature):

Turnaround Time (Business days)

Normal X Other

10-Day 7-Day

5-Day 3-Day

Additional Requirements/Comments/Remarks:

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Hold

Hold

Hold

Hold

Chain-of-Custody Record

Laboratory: **Acutest**

Laboratory Job # **1456183**

Lab Use Only



GEL Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Name: **Tuffs St**
Project Number: **045160**
Send Report to: **Paul Silva**
Send EDD to: **labdata@gelconsultants.com**

Project Location: **Somerville, MA**

Project Manager: **Mark Ensigh**

Page **4** of **5**

Sample Handling

Samples Field Filled
YES NO **NA**

Sample Shipped With Ice
YES NO

Sample Specific Remarks

HOLD

If Yes, Are MCP Analytical Methods Required?

If Yes, Are Drinking Water Samples Submitted?

If Yes, Have You Met Minimum Field QC Requirements?

YES NO NA

YES NO NA

YES NO NA

Lab Sample Number	GEL Sample ID	Collection Date	Type	Matrix	No. of Bottles	Sample(s) Initials
-------------------	---------------	-----------------	------	--------	----------------	--------------------

-18 **045160 mw101 SS**

5/11/06

1355

50

2

KSC

✓

-19 **045160 mw101 S6**

5/11/06

1355

50

2

KSC

✓

-20 **045160 mw101 S4**

5/11/06

1355

50

2

KSC

✓

MCP Level Method: GEL requires the most stringent Method: MCP standard the most for all analyses. Write down possible results.

Turnaround Time (Business days)

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Normal

Other

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Requisitioned by: (signature)

Date:

Time:

Received by: (signature)

Chain-of-Custody Record

Laboratory: AccutestLaboratory Job # M36182

GEI



Consultants

1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Name: Tufts StProject Number: 045160Send Report to: Paul SilvaSend EDD to: labdata@geiconsultants.comProject Location: Somerville, MAProject Manager: Mark EnsignPage 4 of 5

Sample Handling

Samples Field Filtered

YES NO NA

Sampled Shipped With Ice

YES NO

Sample Specific Remarks

If Yes, Are MCP Analytical Methods Required?
If Yes, Are Drinking Water Samples Submitted?
If Yes, Have You Met Minimum Field QC Requirements?

YES NO NA
YES NO NA
YES NO NA

Lab Sample Number	GEI Sample ID	Collection Date	Time	Matrix	No. of Bottles	Sample Size
-------------------	---------------	-----------------	------	--------	----------------	-------------

-21	045160 - MW105 S3	5/2/06	0910	SO	2	KSR
-22	045160 - MW105 S4		0920			
-23	045160 - MW105 S5		0930			
-24	045160 - MW105 S6		0945			
-25	045160 - MW105 S7		0955			
-26	045160 - MW105 S8		1005			
-27	045160 - MW105 S9		1015			
-28	045160 - MW105 S10		1030			
-29	045160 - MW105 S11		1040			

VOC
90 Solids

MOCH
None

Analysis

MCP Level/Method: GEI requires the most stringent Method 1 MCP standard; be met for all analytes whenever possible.

Relinquished by sampler (signature)

Date:

Received by (signature)

Turnaround Time
(Business days):

Before submitting rush

turnaround samples, you must
notify the laboratory to confirm
that the TAT can be achieved.

Relinquished by (signature)

Date:

Received by (signature)

Relinquished by (signature)

Date:

Received by (signature)

Normal ✓ Other
10-Day 7-Day
5-Day 3-Day

Additional Requirements/Comments/Remarks:

Relinquished by (signature)

Date:

Received by (signature)

5/3/06 11:30
5/3/06 14:00

5/3/06 15:40
5/3/06 11:30

1. GET Fridge
2. 2. 10000
3. 925

102

Betty Baer

From: Betty Baer
Sent: Tuesday, May 09, 2006 12:55 PM
To: 'mensign@geiconsultants.com'
Subject: Tufts St Somerville MA (M56182)

Hi Mark, there are no check-offs for analysis for samples 18, 19, and 20. Please get back to me on this.



m56182.pdf

Betty Baer
Accutest Laboratories
495 Technology Center West, Building #1
Marlboro, MA 01752
Phone (508) 481- 6200
Fax (508) 481-7753

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M56182

Betty Baer

From: Leslie Lombardo [LLombardo@geiconsultants.com]
Sent: Wednesday, May 10, 2006 2:53 PM
To: Betty Baer; Mark Ensign
Subject: Re: Tufts St Somerville MA (M56182)



2923_001.pdf

Betty:

Please see the updated COC attached.

Leslie

Leslie Lombardo
Environmental Engineer
GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

Phone: (781) 721-4016
Fax: (781) 721-4073

>>> "Betty Baer" <bettyb@accutest.com> 05/09/06 12:55 PM >>>

Hi Mark, there are no check-offs for analysis for samples 18, 19, and 20. Please get back to me on this.

<<m56182.pdf>>

Betty Baer
Accutest Laboratories
495 Technology Center West, Building #1
Marlboro, MA 01752
Phone (508) 481- 6200
Fax (508) 481-7753

Accutest -- "50 Years of Excellence" -- 1956-2006

Reza Tand

M56182(R)

From: Leslie Lombardo [LLombardo@geiconsultants.com]
Sent: Monday, June 05, 2006 5:34 PM
To: Reza Tand
Subject: Tufts Street Data
Follow Up Flag: Follow up
Due By: Wednesday, June 07, 2006 12:00 AM
Flag Status: Red

Hi Reza:

The following requests are regarding GEI Project # 045160, 50 Tufts Street.

- For Accutest Job# M55377 (Air Data), please reissue the report with J-values reported. I need this data as soon as possible.
- For Accutest Job #M56527 and Job #M56182 (soil data), please reissue the reports with J-values reported. Please also provide full CLP-like data reports. The level of reporting should be the same as that provided for the air data for Job #M55377.
- For Accutest Job #M56652 (gw data), please provide the full CLP-like data report, and report J-values.

For all data reports for this project going forward, please provide J-values and full CLP-like data reports. I will have the field staff indicate this requirement on the COCs as well.

If you have any questions, please call.

Thanks,
Leslie

Leslie Lombardo
Environmental Engineer
GEI Consultants, Inc.
1021 Main Street
Winchester, MA 01890

Phone: (781) 721-4016
Fax: (781) 721-4073

SECTION 2 GC/MS SUPPORT DATA

GC/MS Analysis Case Narrative/Conformance/Non-Conformance Summary

Fraction <u>8260B</u>	NO	YES
1. Chromatograms Labeled/Compounds Identified (<i>Field Samples and Method Blanks</i>)	_____	_____ ✓
2. GC/MS Tune Meet Criteria	_____	_____ ✓
3. GC/MS Tuning Frequency – Performed every 24 hours for 600 series and 12 hours for 8000 series .	_____	_____ ✓
4. GC/MS Calibration – Initial and Continuing Calibration Meet Method Requirements	_____	_____ ✓
5. GC/MS Calibration Requirements		
a. Calibration Check Compounds	_____	_____ ✓
b. System Performance Check Compounds	_____	_____ ✓
6. Blank Contamination	_____ ✓	_____
<i>If yes, the sample result is qualified with a "B".</i>		
7. Surrogate Recoveries Meet Criteria	_____	_____ ✓
<i>If the requirement is not met, refer to the Surrogate Summary for comment.</i>		
8. Blank Spike, Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria	_____ ✓	_____
<i>If the requirement is not met, refer to BSP, MS/MSD Summary for comment.</i>		
9. Extraction Holding Time Met	_____	_____ N/A
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
10. Analysis Holding Time Met	_____	_____ ✓
<i>If the holding time is not met, refer to the Sample Result page for comment.</i>		
11. Volatile Sample Preservation – pH should be < 2. List any non-compliant samples below:		

Additional Comments: _____

QC Review Signature: Shayson K

Date: June 28, 2006

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Volatile Surrogate Recovery Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Method: SW846 8260B

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
M56182-1	M9724.D	82.0	87.0	91.0
M56182-3	M9725.D	86.0	89.0	92.0
M56182-4	M9726.D	87.0	89.0	95.0
M56182-5	M9727.D	85.0	88.0	88.0
M56182-7	M9845.D	101.0	89.0	88.0
M56182-13	M9768.D	97.0	99.0	97.0
M56182-15	M9769.D	98.0	101.0	98.0
M56182-18	M9770.D	95.0	97.0	95.0
M56182-19	M9771.D	95.0	95.0	94.0
M56182-20	M9772.D	99.0	99.0	98.0
M56182-27	M9773.D	98.0	96.0	92.0
M56147-18MS	M9719.D	84.0	93.0	91.0
M56147-18MSD	M9720.D	86.0	93.0	91.0
M56212-1MS	M9766.D	97.0	105.0	96.0
M56212-1MSD	M9767.D	96.0	105.0	99.0
M56318-3MS	M9862.D	97.0	94.0	89.0
M56318-3MSD	M9863.D	96.0	90.0	86.0
MSM317-BS	M9705.D	86.0	86.0	91.0
MSM317-BSD	M9706.D	98.0	100.0	106.0
MSM317-MB	M9708.D	107.0	109.0	115.0
MSM319-BS	M9749.D	95.0	101.0	101.0
MSM319-BSD	M9750.D	107.0	112.0	107.0
MSM319-MB	M9752.D	117.0	121.0	120.0
MSM321-BS	M9841.D	125.0	113.0	108.0
MSM321-BSD	M9842.D	121.0	107.0	101.0
MSM321-MB	M9844.D	116.0	113.0	106.0

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane
S2 = Toluene-D8
S3 = 4-Bromofluorobenzene

70-130%
70-130%
73-128%

Method Blank Summary

Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM317-MB	M9708.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	250	88	ug/kg	
71-43-2	Benzene	ND	25	18	ug/kg	
108-86-1	Bromobenzene	ND	250	7.9	ug/kg	
74-97-5	Bromochloromethane	ND	250	13	ug/kg	
75-27-4	Bromodichloromethane	ND	100	17	ug/kg	
75-25-2	Bromoform	ND	100	9.5	ug/kg	
74-83-9	Bromomethane	ND	100	18	ug/kg	
78-93-3	2-Butanone (MEK)	ND	250	150	ug/kg	
104-51-8	n-Butylbenzene	ND	250	16	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	15	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	12	ug/kg	
75-15-0	Carbon disulfide	ND	250	10	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	15	ug/kg	
108-90-7	Chlorobenzene	ND	100	11	ug/kg	
75-00-3	Chloroethane	ND	250	14	ug/kg	
67-66-3	Chloroform	ND	100	24	ug/kg	
74-87-3	Chloromethane	ND	250	19	ug/kg	
95-49-8	o-Chlorotoluene	ND	250	17	ug/kg	
106-43-4	p-Chlorotoluene	ND	250	14	ug/kg	
108-20-3	Di-Isopropyl ether	ND	100	20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	59	ug/kg	
124-48-1	Dibromochloromethane	ND	100	11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	12	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	100	24	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	11	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	13	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	13	ug/kg	
142-28-9	1,3-Dichloropropane	ND	250	17	ug/kg	
594-20-7	2,2-Dichloropropane	ND	250	20	ug/kg	
563-58-6	1,1-Dichloropropene	ND	250	17	ug/kg	

Method Blank Summary

Job Number: M56182
 Account: GEI GEI Consultants, Inc.
 Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM317-MB	M9708.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	100	15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	7.5	ug/kg	
123-91-1	1,4-Dioxane	ND	1300	370	ug/kg	
60-29-7	Ethyl Ether	ND	250	21	ug/kg	
100-41-4	Ethylbenzene	ND	100	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	19	ug/kg	
591-78-6	2-Hexanone	ND	250	100	ug/kg	
98-82-8	Isopropylbenzene	ND	250	12	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	16	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	39	ug/kg	
74-95-3	Methylene bromide	ND	250	10	ug/kg	
75-09-2	Methylene chloride	ND	100	93	ug/kg	
91-20-3	Naphthalene	ND	250	24	ug/kg	
103-65-1	n-Propylbenzene	ND	250	14	ug/kg	
100-42-5	Styrene	ND	250	16	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	250	12	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	17	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	18	ug/kg	
127-18-4	Tetrachloroethene	ND	100	19	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	42	ug/kg	
108-88-3	Toluene	ND	250	16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	20	ug/kg	
79-01-6	Trichloroethene	ND	100	17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	100	21	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	14	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	14	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	16	ug/kg	
75-01-4	Vinyl chloride	ND	100	20	ug/kg	
	m,p-Xylene	ND	100	23	ug/kg	
95-47-6	o-Xylene	ND	100	13	ug/kg	
1330-20-7	Xylene (total)	ND	100	35	ug/kg	

Method Blank Summary

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM317-MB	M9708.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	107% 70-130%
2037-26-5	Toluene-D8	109% 70-130%
460-00-4	4-Bromofluorobenzene	115% 73-128%

Method Blank Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM319-MB	M9752.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	250	88	ug/kg	
71-43-2	Benzene	ND	25	18	ug/kg	
108-86-1	Bromobenzene	ND	250	7.9	ug/kg	
74-97-5	Bromochloromethane	ND	250	13	ug/kg	
75-27-4	Bromodichloromethane	ND	100	17	ug/kg	
75-25-2	Bromoform	ND	100	9.5	ug/kg	
74-83-9	Bromomethane	ND	100	18	ug/kg	
78-93-3	2-Butanone (MEK)	ND	250	150	ug/kg	
104-51-8	n-Butylbenzene	ND	250	16	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	15	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	12	ug/kg	
75-15-0	Carbon disulfide	ND	250	10	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	15	ug/kg	
108-90-7	Chlorobenzene	ND	100	11	ug/kg	
75-00-3	Chloroethane	ND	250	14	ug/kg	
67-66-3	Chloroform	ND	100	24	ug/kg	
74-87-3	Chloromethane	ND	250	19	ug/kg	
95-49-8	o-Chlorotoluene	ND	250	17	ug/kg	
106-43-4	p-Chlorotoluene	ND	250	14	ug/kg	
108-20-3	Di-Isopropyl ether	ND	100	20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	59	ug/kg	
124-48-1	Dibromochloromethane	ND	100	11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	12	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	100	24	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	11	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	13	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	13	ug/kg	
142-28-9	1,3-Dichloropropane	ND	250	17	ug/kg	
594-20-7	2,2-Dichloropropane	ND	250	20	ug/kg	
563-58-6	1,1-Dichloropropene	ND	250	17	ug/kg	

Method Blank Summary

Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM319-MB	M9752.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	100	15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	7.5	ug/kg	
123-91-1	1,4-Dioxane	ND	1300	370	ug/kg	
60-29-7	Ethyl Ether	ND	250	21	ug/kg	
100-41-4	Ethylbenzene	ND	100	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	19	ug/kg	
591-78-6	2-Hexanone	ND	250	100	ug/kg	
98-82-8	Isopropylbenzene	ND	250	12	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	16	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	39	ug/kg	
74-95-3	Methylene bromide	ND	250	10	ug/kg	
75-09-2	Methylene chloride	ND	100	93	ug/kg	
91-20-3	Naphthalene	ND	250	24	ug/kg	
103-65-1	n-Propylbenzene	ND	250	14	ug/kg	
100-42-5	Styrene	ND	250	16	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	250	12	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	17	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	18	ug/kg	
127-18-4	Tetrachloroethene	ND	100	19	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	42	ug/kg	
108-88-3	Toluene	ND	250	16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	20	ug/kg	
79-01-6	Trichloroethene	ND	100	17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	100	21	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	14	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	14	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	16	ug/kg	
75-01-4	Vinyl chloride	ND	100	20	ug/kg	
	m,p-Xylene	ND	100	23	ug/kg	
95-47-6	o-Xylene	ND	100	13	ug/kg	
1330-20-7	Xylene (total)	ND	100	35	ug/kg	

Method Blank Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM319-MB	M9752.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	117% 70-130%
2037-26-5	Toluene-D8	121% 70-130%
460-00-4	4-Bromofluorobenzene	120% 73-128%

Method Blank Summary

Page 1 of 3

Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM321-MB	M9844.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	250	88	ug/kg	
71-43-2	Benzene	ND	25	18	ug/kg	
108-86-1	Bromobenzene	ND	250	7.9	ug/kg	
74-97-5	Bromochloromethane	ND	250	13	ug/kg	
75-27-4	Bromodichloromethane	ND	100	17	ug/kg	
75-25-2	Bromoform	ND	100	9.5	ug/kg	
74-83-9	Bromomethane	ND	100	18	ug/kg	
78-93-3	2-Butanone (MEK)	ND	250	150	ug/kg	
104-51-8	n-Butylbenzene	ND	250	16	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	15	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	12	ug/kg	
75-15-0	Carbon disulfide	ND	250	10	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	15	ug/kg	
108-90-7	Chlorobenzene	ND	100	11	ug/kg	
75-00-3	Chloroethane	ND	250	14	ug/kg	
67-66-3	Chloroform	ND	100	24	ug/kg	
74-87-3	Chloromethane	ND	250	19	ug/kg	
95-49-8	o-Chlorotoluene	ND	250	17	ug/kg	
106-43-4	p-Chlorotoluene	ND	250	14	ug/kg	
108-20-3	Di-Isopropyl ether	ND	100	20	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	59	ug/kg	
124-48-1	Dibromochloromethane	ND	100	11	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	12	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	100	24	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	15	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	11	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	16	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	13	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	13	ug/kg	
142-28-9	1,3-Dichloropropane	ND	250	17	ug/kg	
594-20-7	2,2-Dichloropropane	ND	250	20	ug/kg	
563-58-6	1,1-Dichloropropene	ND	250	17	ug/kg	

Method Blank Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM321-MB	M9844.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	100	15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	7.5	ug/kg	
123-91-1	1,4-Dioxane	ND	1300	370	ug/kg	
60-29-7	Ethyl Ether	ND	250	21	ug/kg	
100-41-4	Ethylbenzene	ND	100	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	19	ug/kg	
591-78-6	2-Hexanone	ND	250	100	ug/kg	
98-82-8	Isopropylbenzene	ND	250	12	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	16	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	39	ug/kg	
74-95-3	Methylene bromide	ND	250	10	ug/kg	
75-09-2	Methylene chloride	ND	100	93	ug/kg	
91-20-3	Naphthalene	ND	250	24	ug/kg	
103-65-1	n-Propylbenzene	ND	250	14	ug/kg	
100-42-5	Styrene	ND	250	16	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	250	12	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	17	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	18	ug/kg	
127-18-4	Tetrachloroethene	ND	100	19	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	42	ug/kg	
108-88-3	Toluene	ND	250	16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	20	ug/kg	
79-01-6	Trichloroethene	ND	100	17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	100	21	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	14	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	14	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	16	ug/kg	
75-01-4	Vinyl chloride	ND	100	20	ug/kg	
	m,p-Xylene	ND	100	23	ug/kg	
95-47-6	o-Xylene	ND	100	13	ug/kg	
1330-20-7	Xylene (total)	ND	100	35	ug/kg	

Method Blank Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM321-MB	M9844.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	116% 70-130%
2037-26-5	Toluene-D8	113% 70-130%
460-00-4	4-Bromofluorobenzene	106% 73-128%

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM317-BS	M9705.D	1	05/10/06	SC	n/a	n/a	MSM317
MSM317-BSD	M9706.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	2500	4660	186* a	5040	202* a	8	40-140/25
71-43-2	Benzene	2500	2470	99	2840	114	14	74-125/25
108-86-1	Bromobenzene	2500	2450	98	2780	111	13	76-122/25
74-97-5	Bromochloromethane	2500	2650	106	2970	119	11	76-130/25
75-27-4	Bromodichloromethane	2500	2410	96	2730	109	12	75-130/25
75-25-2	Bromoform	2500	2630	105	3010	120	13	74-130/25
74-83-9	Bromomethane	2500	2880	115	3170	127	10	60-140/25
78-93-3	2-Butanone (MEK)	2500	4750	190* a	5030	201* a	6	60-140/25
104-51-8	n-Butylbenzene	2500	2470	99	2670	107	8	72-130/25
135-98-8	sec-Butylbenzene	2500	2290	92	2560	102	11	74-129/25
98-06-6	tert-Butylbenzene	2500	2240	90	2530	101	12	72-130/25
75-15-0	Carbon disulfide	2500	2950	118	3110	124	5	70-130/25
56-23-5	Carbon tetrachloride	2500	2420	97	2780	111	14	70-140/25
108-90-7	Chlorobenzene	2500	2490	100	2850	114	13	74-122/25
75-00-3	Chloroethane	2500	2750	110	3090	124	12	70-130/25
67-66-3	Chloroform	2500	2540	102	2900	116	13	73-130/25
74-87-3	Chloromethane	2500	2570	103	2860	114	11	40-140/25
95-49-8	o-Chlorotoluene	2500	2330	93	2680	107	14	75-126/25
106-43-4	p-Chlorotoluene	2500	2330	93	2680	107	14	74-127/25
108-20-3	Di-Isopropyl ether	2500	2580	103	2930	117	13	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	2500	3670	147* a	4130	165* a	12	70-130/25
124-48-1	Dibromochloromethane	2500	2410	96	2750	110	13	80-126/25
106-93-4	1,2-Dibromoethane	2500	2700	108	3120	125	14	77-127/25
95-50-1	1,2-Dichlorobenzene	2500	2340	94	2650	106	12	74-124/25
541-73-1	1,3-Dichlorobenzene	2500	2530	101	2870	115	13	74-125/25
106-46-7	1,4-Dichlorobenzene	2500	2540	102	2910	116	14	70-128/25
75-71-8	Dichlorodifluoromethane	2500	2320	93	2580	103	11	30-140/25
75-34-3	1,1-Dichloroethane	2500	2590	104	2930	117	12	73-130/25
107-06-2	1,2-Dichloroethane	2500	2770	111	3100	124	11	72-130/25
75-35-4	1,1-Dichloroethene	2500	2570	103	2840	114	10	70-130/25
156-59-2	cis-1,2-Dichloroethene	2500	2620	105	2960	118	12	74-129/25
156-60-5	trans-1,2-Dichloroethene	2500	2620	105	2810	112	7	70-130/25
78-87-5	1,2-Dichloropropane	2500	2440	98	2780	111	13	76-129/25
142-28-9	1,3-Dichloropropane	2500	2760	110	3130	125	13	78-125/25
594-20-7	2,2-Dichloropropane	2500	2970	119	3300	132	11	60-140/25
563-58-6	1,1-Dichloropropene	2500	2360	94	2660	106	12	72-130/25

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM317-BS	M9705.D	1	05/10/06	SC	n/a	n/a	MSM317
MSM317-BSD	M9706.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	2500	2380	95	2720	109	13	75-130/25
10061-02-6	trans-1,3-Dichloropropene	2500	2370	95	2670	107	12	73-130/25
123-91-1	1,4-Dioxane	12500	21900	175* a	24400	195* a	11	62-130/25
60-29-7	Ethyl Ether	2500	2800	112	3190	128	13	70-141/25
100-41-4	Ethylbenzene	2500	2600	104	2970	119	13	76-126/25
87-68-3	Hexachlorobutadiene	2500	2470	99	2560	102	4	70-130/25
591-78-6	2-Hexanone	2500	4370	175* a	4760	190* a	9	60-140/25
98-82-8	Isopropylbenzene	2500	2290	92	2610	104	13	74-129/25
99-87-6	p-Isopropyltoluene	2500	2400	96	2640	106	10	74-130/25
1634-04-4	Methyl Tert Butyl Ether	2500	2870	115	3290	132* a	14	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	2500	3760	150* a	4120	165* a	9	70-130/25
74-95-3	Methylene bromide	2500	2940	118	3270	131* a	11	76-130/25
75-09-2	Methylene chloride	2500	2610	104	2950	118	12	70-130/25
91-20-3	Naphthalene	2500	3170	127	3420	137* a	8	60-130/25
103-65-1	n-Propylbenzene	2500	2290	92	2600	104	13	75-128/25
100-42-5	Styrene	2500	2400	96	2760	110	14	73-127/25
994-05-8	tert-Amyl Methyl Ether	2500	2940	118	3390	136* a	14	71-130/25
637-92-3	tert-Butyl Ethyl Ether	2500	2940	118	3330	133* a	12	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	2500	2460	98	2750	110	11	78-126/25
79-34-5	1,1,2,2-Tetrachloroethane	2500	3360	134* a	3840	154* a	13	70-130/25
127-18-4	Tetrachloroethene	2500	2610	104	2930	117	12	70-130/25
109-99-9	Tetrahydrofuran	2500	4580	183* a	4920	197* a	7	60-140/25
108-88-3	Toluene	2500	2550	102	2910	116	13	76-125/25
87-61-6	1,2,3-Trichlorobenzene	2500	2470	99	2700	108	9	60-130/25
120-82-1	1,2,4-Trichlorobenzene	2500	2450	98	2730	109	11	70-130/25
71-55-6	1,1,1-Trichloroethane	2500	2570	103	2920	117	13	70-130/25
79-00-5	1,1,2-Trichloroethane	2500	2560	102	2910	116	13	78-130/25
79-01-6	Trichloroethene	2500	2370	95	2660	106	12	74-130/25
75-69-4	Trichlorofluoromethane	2500	2490	100	2780	111	11	70-140/25
96-18-4	1,2,3-Trichloropropane	2500	3200	128	3610	144* a	12	72-130/25
95-63-6	1,2,4-Trimethylbenzene	2500	2420	97	2720	109	12	74-129/25
108-67-8	1,3,5-Trimethylbenzene	2500	2390	96	2690	108	12	75-128/25
75-01-4	Vinyl chloride	2500	2650	106	2930	117	10	40-140/25
	m,p-Xylene	5000	4850	97	5610	112	15	75-127/25
95-47-6	o-Xylene	2500	2400	96	2760	110	14	74-129/25
1330-20-7	Xylene (total)	7500	7260	97	8370	112	14	75-127/25

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM317-BS	M9705.D	1	05/10/06	SC	n/a	n/a	MSM317
MSM317-BSD	M9706.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	86%	98%	70-130%
2037-26-5	Toluene-D8	86%	100%	70-130%
460-00-4	4-Bromofluorobenzene	91%	106%	73-128%

(a) Outside control limits. Associated samples are non-detect for this compound.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM319-BS	M9749.D	1	05/11/06	SC	n/a	n/a	MSM319
MSM319-BSD	M9750.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	2500	2190	88	2480	99	12	40-140/25
71-43-2	Benzene	2500	2720	109	2880	115	6	74-125/25
108-86-1	Bromobenzene	2500	2480	99	2520	101	2	76-122/25
74-97-5	Bromochloromethane	2500	2480	99	2640	106	6	76-130/25
75-27-4	Bromodichloromethane	2500	2400	96	2490	100	4	75-130/25
75-25-2	Bromoform	2500	2290	92	2340	94	2	74-130/25
74-83-9	Bromomethane	2500	2660	106	2810	112	5	60-140/25
78-93-3	2-Butanone (MEK)	2500	2430	97	2720	109	11	60-140/25
104-51-8	n-Butylbenzene	2500	2660	106	2630	105	1	72-130/25
135-98-8	sec-Butylbenzene	2500	2470	99	2470	99	0	74-129/25
98-06-6	tert-Butylbenzene	2500	2420	97	2430	97	0	72-130/25
75-15-0	Carbon disulfide	2500	3830	153* a	3190	128	18	70-130/25
56-23-5	Carbon tetrachloride	2500	2460	98	2540	102	3	70-140/25
108-90-7	Chlorobenzene	2500	2450	98	2530	101	3	74-122/25
75-00-3	Chloroethane	2500	2490	100	2690	108	8	70-130/25
67-66-3	Chloroform	2500	2610	104	2720	109	4	73-130/25
74-87-3	Chloromethane	2500	2460	98	2640	106	7	40-140/25
95-49-8	o-Chlorotoluene	2500	2440	98	2480	99	2	75-126/25
106-43-4	p-Chlorotoluene	2500	2450	98	2500	100	2	74-127/25
108-20-3	Di-Isopropyl ether	2500	2500	100	2630	105	5	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	2500	2350	94	2550	102	8	70-130/25
124-48-1	Dibromochloromethane	2500	2370	95	2430	97	3	80-126/25
106-93-4	1,2-Dibromoethane	2500	2470	99	2520	101	2	77-127/25
95-50-1	1,2-Dichlorobenzene	2500	2430	97	2490	100	2	74-124/25
541-73-1	1,3-Dichlorobenzene	2500	2470	99	2510	100	2	74-125/25
106-46-7	1,4-Dichlorobenzene	2500	2640	106	2700	108	2	70-128/25
75-71-8	Dichlorodifluoromethane	2500	2040	82	2100	84	3	30-140/25
75-34-3	1,1-Dichloroethane	2500	2620	105	2730	109	4	73-130/25
107-06-2	1,2-Dichloroethane	2500	2710	108	2840	114	5	72-130/25
75-35-4	1,1-Dichloroethene	2500	2540	102	2690	108	6	70-130/25
156-59-2	cis-1,2-Dichloroethene	2500	2480	99	2600	104	5	74-129/25
156-60-5	trans-1,2-Dichloroethene	2500	2630	105	2690	108	2	70-130/25
78-87-5	1,2-Dichloropropane	2500	2370	95	2490	100	5	76-129/25
142-28-9	1,3-Dichloropropane	2500	2430	97	2550	102	5	78-125/25
594-20-7	2,2-Dichloropropane	2500	3070	123	3160	126	3	60-140/25
563-58-6	1,1-Dichloropropene	2500	2410	96	2520	101	4	72-130/25

Blank Spike/Blank Spike Duplicate Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM319-BS	M9749.D	1	05/11/06	SC	n/a	n/a	MSM319
MSM319-BSD	M9750.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	2500	2490	100	2630	105	5	75-130/25
10061-02-6	trans-1,3-Dichloropropene	2500	2400	96	2460	98	2	73-130/25
123-91-1	1,4-Dioxane	12500	12100	97	13800	110	13	62-130/25
60-29-7	Ethyl Ether	2500	2500	100	2630	105	5	70-141/25
100-41-4	Ethylbenzene	2500	2840	114	2930	117	3	76-126/25
87-68-3	Hexachlorobutadiene	2500	2850	114	2560	102	11	70-130/25
591-78-6	2-Hexanone	2500	2390	96	2600	104	8	60-140/25
98-82-8	Isopropylbenzene	2500	2390	96	2420	97	1	74-129/25
99-87-6	p-Isopropyltoluene	2500	2550	102	2570	103	1	74-130/25
1634-04-4	Methyl Tert Butyl Ether	2500	2510	100	2630	105	5	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	2500	2410	96	2650	106	9	70-130/25
74-95-3	Methylene bromide	2500	2610	104	2670	107	2	76-130/25
75-09-2	Methylene chloride	2500	2320	93	2480	99	7	70-130/25
91-20-3	Naphthalene	2500	2550	102	2520	101	1	60-130/25
103-65-1	n-Propylbenzene	2500	2450	98	2460	98	0	75-128/25
100-42-5	Styrene	2500	2510	100	2550	102	2	73-127/25
994-05-8	tert-Amyl Methyl Ether	2500	2350	94	2480	99	5	71-130/25
637-92-3	tert-Butyl Ethyl Ether	2500	2490	100	2620	105	5	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	2500	2410	96	2470	99	2	78-126/25
79-34-5	1,1,2,2-Tetrachloroethane	2500	2570	103	2660	106	3	70-130/25
127-18-4	Tetrachloroethene	2500	2550	102	2590	104	2	70-130/25
109-99-9	Tetrahydrofuran	2500	2440	98	2740	110	12	60-140/25
108-88-3	Toluene	2500	2790	112	2930	117	5	76-125/25
87-61-6	1,2,3-Trichlorobenzene	2500	2510	100	2480	99	1	60-130/25
120-82-1	1,2,4-Trichlorobenzene	2500	2600	104	2540	102	2	70-130/25
71-55-6	1,1,1-Trichloroethane	2500	2420	97	2560	102	6	70-130/25
79-00-5	1,1,2-Trichloroethane	2500	2370	95	2480	99	5	78-130/25
79-01-6	Trichloroethene	2500	2260	90	2290	92	1	74-130/25
75-69-4	Trichlorofluoromethane	2500	2390	96	2490	100	4	70-140/25
96-18-4	1,2,3-Trichloropropane	2500	2470	99	2550	102	3	72-130/25
95-63-6	1,2,4-Trimethylbenzene	2500	2500	100	2520	101	1	74-129/25
108-67-8	1,3,5-Trimethylbenzene	2500	2510	100	2540	102	1	75-128/25
75-01-4	Vinyl chloride	2500	2750	110	2920	117	6	40-140/25
	m,p-Xylene	5000	5180	104	5290	106	2	75-127/25
95-47-6	o-Xylene	2500	2500	100	2540	102	2	74-129/25
1330-20-7	Xylene (total)	7500	7680	102	7830	104	2	75-127/25

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM319-BS	M9749.D	1	05/11/06	SC	n/a	n/a	MSM319
MSM319-BSD	M9750.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	95 %	107 %	70-130 %
2037-26-5	Toluene-D8	101 %	112 %	70-130 %
460-00-4	4-Bromofluorobenzene	101 %	107 %	73-128 %

(a) Outside control limits. Associated samples are non-detect for this compound.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM321-BS	M9841.D	1	05/15/06	SC	n/a	n/a	MSM321
MSM321-BSD	M9842.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	2500	2770	111	2840	114	2	40-140/25
71-43-2	Benzene	2500	2950	118	2830	113	4	74-125/25
108-86-1	Bromobenzene	2500	2910	116	2720	109	7	76-122/25
74-97-5	Bromochloromethane	2500	2950	118	2930	117	1	76-130/25
75-27-4	Bromodichloromethane	2500	3450	138* a	3260	130	6	75-130/25
75-25-2	Bromoform	2500	3090	124	3050	122	1	74-130/25
74-83-9	Bromomethane	2500	2540	102	2320	93	9	60-140/25
78-93-3	2-Butanone (MEK)	2500	2870	115	3230	129	12	60-140/25
104-51-8	n-Butylbenzene	2500	2700	108	2440	98	10	72-130/25
135-98-8	sec-Butylbenzene	2500	2640	106	2350	94	12	74-129/25
98-06-6	tert-Butylbenzene	2500	2640	106	2370	95	11	72-130/25
75-15-0	Carbon disulfide	2500	3070	123	3430	137* a	11	70-130/25
56-23-5	Carbon tetrachloride	2500	3010	120	2730	109	10	70-140/25
108-90-7	Chlorobenzene	2500	2840	114	2680	107	6	74-122/25
75-00-3	Chloroethane	2500	2800	112	2600	104	7	70-130/25
67-66-3	Chloroform	2500	3070	123	2970	119	3	73-130/25
74-87-3	Chloromethane	2500	2710	108	2500	100	8	40-140/25
95-49-8	o-Chlorotoluene	2500	2720	109	2470	99	10	75-126/25
106-43-4	p-Chlorotoluene	2500	2740	110	2490	100	10	74-127/25
108-20-3	Di-Isopropyl ether	2500	3120	125	3070	123	2	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	2500	2980	119	2950	118	1	70-130/25
124-48-1	Dibromochloromethane	2500	3100	124	3000	120	3	80-126/25
106-93-4	1,2-Dibromoethane	2500	3020	121	3000	120	1	77-127/25
95-50-1	1,2-Dichlorobenzene	2500	2760	110	2560	102	8	74-124/25
541-73-1	1,3-Dichlorobenzene	2500	2730	109	2510	100	8	74-125/25
106-46-7	1,4-Dichlorobenzene	2500	2690	108	2480	99	8	70-128/25
75-71-8	Dichlorodifluoromethane	2500	2310	92	2100	84	10	30-140/25
75-34-3	1,1-Dichloroethane	2500	2930	117	2790	112	5	73-130/25
107-06-2	1,2-Dichloroethane	2500	3210	128	3190	128	1	72-130/25
75-35-4	1,1-Dichloroethene	2500	2590	104	2320	93	11	70-130/25
156-59-2	cis-1,2-Dichloroethene	2500	2720	109	2570	103	6	74-129/25
156-60-5	trans-1,2-Dichloroethene	2500	2860	114	2680	107	6	70-130/25
78-87-5	1,2-Dichloropropane	2500	2910	116	2830	113	3	76-129/25
142-28-9	1,3-Dichloropropane	2500	3010	120	2920	117	3	78-125/25
594-20-7	2,2-Dichloropropane	2500	3390	136	3100	124	9	60-140/25
563-58-6	1,1-Dichloropropene	2500	2790	112	2610	104	7	72-130/25

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM321-BS	M9841.D	1	05/15/06	SC	n/a	n/a	MSM321
MSM321-BSD	M9842.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	2500	3280	131* a	3190	128	3	75-130/25
10061-02-6	trans-1,3-Dichloropropene	2500	3150	126	3110	124	1	73-130/25
123-91-1	1,4-Dioxane	12500	14000	112	14800	118	6	62-130/25
60-29-7	Ethyl Ether	2500	3140	126	3080	123	2	70-141/25
100-41-4	Ethylbenzene	2500	2960	118	2750	110	7	76-126/25
87-68-3	Hexachlorobutadiene	2500	2810	112	2640	106	6	70-130/25
591-78-6	2-Hexanone	2500	2890	116	3090	124	7	60-140/25
98-82-8	Isopropylbenzene	2500	2680	107	2410	96	11	74-129/25
99-87-6	p-Isopropyltoluene	2500	2770	111	2480	99	11	74-130/25
1634-04-4	Methyl Tert Butyl Ether	2500	3220	129	3200	128	1	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	2500	2980	119	3130	125	5	70-130/25
74-95-3	Methylene bromide	2500	3030	121	3070	123	1	76-130/25
75-09-2	Methylene chloride	2500	2700	108	2600	104	4	70-130/25
91-20-3	Naphthalene	2500	2820	113	2600	104	8	60-130/25
103-65-1	n-Propylbenzene	2500	2660	106	2390	96	11	75-128/25
100-42-5	Styrene	2500	3000	120	2820	113	6	73-127/25
994-05-8	tert-Amyl Methyl Ether	2500	2830	113	2850	114	1	71-130/25
637-92-3	tert-Butyl Ethyl Ether	2500	3100	124	3080	123	1	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	2500	3140	126	2940	118	7	78-126/25
79-34-5	1,1,2,2-Tetrachloroethane	2500	3050	122	3040	122	0	70-130/25
127-18-4	Tetrachloroethene	2500	2860	114	2600	104	10	70-130/25
109-99-9	Tetrahydrofuran	2500	2940	118	3120	125	6	60-140/25
108-88-3	Toluene	2500	2950	118	2800	112	5	76-125/25
87-61-6	1,2,3-Trichlorobenzene	2500	2810	112	2550	102	10	60-130/25
120-82-1	1,2,4-Trichlorobenzene	2500	2740	110	2490	100	10	70-130/25
71-55-6	1,1,1-Trichloroethane	2500	3060	122	2820	113	8	70-130/25
79-00-5	1,1,2-Trichloroethane	2500	2980	119	2960	118	1	78-130/25
79-01-6	Trichloroethene	2500	2730	109	2580	103	6	74-130/25
75-69-4	Trichlorofluoromethane	2500	2980	119	2670	107	11	70-140/25
96-18-4	1,2,3-Trichloropropane	2500	2990	120	3000	120	0	72-130/25
95-63-6	1,2,4-Trimethylbenzene	2500	2770	111	2520	101	9	74-129/25
108-67-8	1,3,5-Trimethylbenzene	2500	2800	112	2540	102	10	75-128/25
75-01-4	Vinyl chloride	2500	2790	112	2250	90	21	40-140/25
	m,p-Xylene	5000	5880	118	5380	108	9	75-127/25
95-47-6	o-Xylene	2500	2990	120	2750	110	8	74-129/25
1330-20-7	Xylene (total)	7500	8880	118	8130	108	9	75-127/25

Blank Spike/Blank Spike Duplicate Summary

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM321-BS	M9841.D	1	05/15/06	SC	n/a	n/a	MSM321
MSM321-BSD	M9842.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	125%	121%	70-130%
2037-26-5	Toluene-D8	113%	107%	70-130%
460-00-4	4-Bromofluorobenzene	108%	101%	73-128%

(a) Outside control limits. Associated samples are non-detect for this compound.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56147-18MS	M9719.D	1	05/10/06	SC	n/a	n/a	MSM317
M56147-18MSDM	M9720.D	1	05/10/06	SC	n/a	n/a	MSM317
M56147-18	M9714.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Compound	M56147-18 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	272		3040	5830	183* a	5970	187* a	2	30-140/30
71-43-2	Benzene	ND		3040	3000	99	2930	96	2	70-130/30
108-86-1	Bromobenzene	ND		3040	2940	97	2890	95	2	60-130/30
74-97-5	Bromochloromethane	ND		3040	3360	110	3170	104	6	72-130/30
75-27-4	Bromodichloromethane	ND		3040	2850	94	2810	92	1	70-130/30
75-25-2	Bromoform	ND		3040	3140	103	3140	103	0	60-130/30
74-83-9	Bromomethane	ND		3040	2230	73	2540	84	13	30-139/30
78-93-3	2-Butanone (MEK)	ND		3040	6180	203* a	5960	196* a	4	40-140/30
104-51-8	n-Butylbenzene	ND		3040	3250	107	3100	102	5	30-140/30
135-98-8	sec-Butylbenzene	ND		3040	2850	94	2850	94	0	50-140/30
98-06-6	tert-Butylbenzene	ND		3040	2840	93	2830	93	0	60-130/30
75-15-0	Carbon disulfide	ND		3040	3490	115	3540	116	1	60-140/30
56-23-5	Carbon tetrachloride	ND		3040	2710	89	2760	91	2	60-140/30
108-90-7	Chlorobenzene	ND		3040	3070	101	3000	99	2	60-130/30
75-00-3	Chloroethane	ND		3040	3030	100	3010	99	1	60-140/30
67-66-3	Chloroform	ND		3040	2950	97	2970	98	1	70-140/30
74-87-3	Chloromethane	ND		3040	2790	92	3000	99	7	30-140/30
95-49-8	o-Chlorotoluene	ND		3040	2780	91	2790	92	0	60-130/30
106-43-4	p-Chlorotoluene	ND		3040	2760	91	2790	92	1	60-130/30
108-20-3	Di-Isopropyl ether	ND		3040	2900	95	2920	96	1	61-140/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		3040	4090	134	4070	134	0	40-140/30
124-48-1	Dibromochloromethane	ND		3040	3240	107	2780	91	15	70-129/30
106-93-4	1,2-Dibromoethane	ND		3040	3430	113	3230	106	6	60-130/30
95-50-1	1,2-Dichlorobenzene	ND		3040	2830	93	2810	92	1	50-130/30
541-73-1	1,3-Dichlorobenzene	ND		3040	3000	99	3040	100	1	60-130/30
106-46-7	1,4-Dichlorobenzene	ND		3040	3060	101	3040	100	1	50-130/30
75-71-8	Dichlorodifluoromethane	ND		3040	2760	91	2830	93	3	30-140/30
75-34-3	1,1-Dichloroethane	ND		3040	2840	93	2800	92	1	70-140/30
107-06-2	1,2-Dichloroethane	ND		3040	3290	108	3210	106	2	62-140/30
75-35-4	1,1-Dichloroethene	ND		3040	3300	109	3290	108	0	60-140/30
156-59-2	cis-1,2-Dichloroethene	ND		3040	3040	100	3020	99	1	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		3040	2850	94	2820	93	1	61-130/30
78-87-5	1,2-Dichloropropane	ND		3040	2970	98	2870	94	3	70-130/30
142-28-9	1,3-Dichloropropane	ND		3040	3550	117	3230	106	9	70-130/30
594-20-7	2,2-Dichloropropane	ND		3040	3340	110	3330	109	0	60-140/30
563-58-6	1,1-Dichloropropene	ND		3040	2960	97	2850	94	4	60-136/30

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56147-18MS	M9719.D	1	05/10/06	SC	n/a	n/a	MSM317
M56147-18MSDM	M9720.D	1	05/10/06	SC	n/a	n/a	MSM317
M56147-18	M9714.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Compound	M56147-18 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND		3040	2960	97	2900	95	2	60-138/30
10061-02-6	trans-1,3-Dichloropropene	ND		3040	3020	99	2930	96	3	50-140/30
123-91-1	1,4-Dioxane	ND		15200	29900	197* a	28100	185* a	6	41-140/30
60-29-7	Ethyl Ether	ND		3040	3020	99	2920	96	3	60-150/30
100-41-4	Ethylbenzene	ND		3040	3400	112	3220	106	5	60-130/30
87-68-3	Hexachlorobutadiene	ND		3040	2920	96	3050	100	4	30-140/30
591-78-6	2-Hexanone	ND		3040	5370	177* a	5020	165* a	7	40-140/30
98-82-8	Isopropylbenzene	ND		3040	2780	91	2790	92	0	60-130/30
99-87-6	p-Isopropyltoluene	ND		3040	3060	101	2970	98	3	46-140/30
1634-04-4	Methyl Tert Butyl Ether	ND		3040	3320	109	3270	108	2	60-140/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		3040	4740	156* a	4560	150* a	4	60-140/30
74-95-3	Methylene bromide	ND		3040	3860	127	3620	119	6	70-140/30
75-09-2	Methylene chloride	ND		3040	3240	107	3300	109	2	60-140/30
91-20-3	Naphthalene	ND		3040	3420	112	3470	114	1	30-140/30
103-65-1	n-Propylbenzene	ND		3040	2820	93	2810	92	0	51-139/30
100-42-5	Styrene	ND		3040	3120	103	2990	98	4	40-140/30
994-05-8	tert-Amyl Methyl Ether	ND		3040	3940	130	3850	127	2	60-130/30
637-92-3	tert-Butyl Ethyl Ether	ND		3040	3480	114	3520	116	1	70-140/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		3040	2950	97	2930	96	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		3040	3820	126	3810	125	0	41-140/30
127-18-4	Tetrachloroethene	ND		3040	3300	109	3150	104	5	51-140/30
109-99-9	Tetrahydrofuran	ND		3040	5320	175* a	5420	178* a	2	40-140/30
108-88-3	Toluene	ND		3040	3180	105	3170	104	0	60-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		3040	2930	96	2930	96	0	30-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		3040	3060	101	2980	98	3	30-140/30
71-55-6	1,1,1-Trichloroethane	ND		3040	3000	99	3010	99	0	60-140/30
79-00-5	1,1,2-Trichloroethane	ND		3040	3270	108	3230	106	1	64-130/30
79-01-6	Trichloroethene	ND		3040	2860	94	2850	94	0	60-140/30
75-69-4	Trichlorofluoromethane	ND		3040	2860	94	2860	94	0	51-140/30
96-18-4	1,2,3-Trichloropropane	ND		3040	3720	122	3640	120	2	60-140/30
95-63-6	1,2,4-Trimethylbenzene	ND		3040	3080	101	3000	99	3	45-140/30
108-67-8	1,3,5-Trimethylbenzene	ND		3040	2940	97	2910	96	1	51-140/30
75-01-4	Vinyl chloride	ND		3040	401	13* b	401	13* b	0	30-140/30
	m,p-Xylene	ND		6080	6240	103	6060	100	3	48-140/30
95-47-6	o-Xylene	ND		3040	3110	102	2920	96	6	54-140/30
1330-20-7	Xylene (total)	ND		9120	9350	102	8980	98	4	60-137/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56147-18MS	M9719.D	1	05/10/06	SC	n/a	n/a	MSM317
M56147-18MSDM	M9720.D	1	05/10/06	SC	n/a	n/a	MSM317
M56147-18	M9714.D	1	05/10/06	SC	n/a	n/a	MSM317

The QC reported here applies to the following samples: Method: SW846 8260B

M56182-1, M56182-3, M56182-4, M56182-5

CAS No.	Surrogate Recoveries	MS	MSD	M56147-18	Limits
1868-53-7	Dibromofluoromethane	84%	86%	92%	70-130%
2037-26-5	Toluene-D8	93%	93%	92%	70-130%
460-00-4	4-Bromofluorobenzene	91%	91%	96%	73-128%

- (a) Outside control limits. Associated samples are non-detect for this compound.
- (b) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56212-1MS	M9766.D	1	05/11/06	SC	n/a	n/a	MSM319
M56212-1MSD	M9767.D	1	05/11/06	SC	n/a	n/a	MSM319
M56212-1	M9758.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Compound	M56212-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2520	166	7* a	104	4* a	46* b	30-140/30
71-43-2	Benzene	ND		2520	2740	109	2760	110	1	70-130/30
108-86-1	Bromobenzene	ND		2520	2410	96	2490	99	3	60-130/30
74-97-5	Bromochloromethane	ND		2520	2660	106	2540	101	5	72-130/30
75-27-4	Bromodichloromethane	ND		2520	2400	95	2460	98	2	70-130/30
75-25-2	Bromoform	ND		2520	2050	81	2250	89	9	60-130/30
74-83-9	Bromomethane	ND		2520	1950	77	2030	81	4	30-139/30
78-93-3	2-Butanone (MEK)	ND		2520	2400	95	2330	92	3	40-140/30
104-51-8	n-Butylbenzene	ND		2520	955	38	962	38	1	30-140/30
135-98-8	sec-Butylbenzene	679		2520	3210	87	3320	91	3	50-140/30
98-06-6	tert-Butylbenzene	ND		2520	2480	98	2540	101	2	60-130/30
75-15-0	Carbon disulfide	ND		2520	3340	133	3270	130	2	60-140/30
56-23-5	Carbon tetrachloride	ND		2520	2030	81	2230	89	9	60-140/30
108-90-7	Chlorobenzene	ND		2520	2400	95	2570	102	7	60-130/30
75-00-3	Chloroethane	ND		2520	2700	107	2580	102	5	60-140/30
67-66-3	Chloroform	ND		2520	2730	108	2640	105	3	70-140/30
74-87-3	Chloromethane	ND		2520	2520	100	2500	99	1	30-140/30
95-49-8	o-Chlorotoluene	ND		2520	5460	217* a	5500	218* a	1	60-130/30
106-43-4	p-Chlorotoluene	ND		2520	2320	92	2350	93	1	60-130/30
108-20-3	Di-Isopropyl ether	ND		2520	2560	102	2550	101	0	61-140/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		2520	2620	104	2700	107	3	40-140/30
124-48-1	Dibromochloromethane	ND		2520	2100	83	2310	92	10	70-129/30
106-93-4	1,2-Dibromoethane	ND		2520	2380	94	2490	99	5	60-130/30
95-50-1	1,2-Dichlorobenzene	ND		2520	2340	93	2420	96	3	50-130/30
541-73-1	1,3-Dichlorobenzene	ND		2520	2410	96	2470	98	2	60-130/30
106-46-7	1,4-Dichlorobenzene	ND		2520	2530	100	2630	104	4	50-130/30
75-71-8	Dichlorodifluoromethane	ND		2520	2260	90	2190	87	3	30-140/30
75-34-3	1,1-Dichloroethane	ND		2520	2450	97	2410	96	2	70-140/30
107-06-2	1,2-Dichloroethane	ND		2520	2710	108	2680	106	1	62-140/30
75-35-4	1,1-Dichloroethene	ND		2520	2900	115	2860	114	1	60-140/30
156-59-2	cis-1,2-Dichloroethene	ND		2520	2530	100	2500	99	1	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		2520	2520	100	2390	95	5	61-130/30
78-87-5	1,2-Dichloropropane	ND		2520	2480	98	2500	99	1	70-130/30
142-28-9	1,3-Dichloropropane	ND		2520	2310	92	2490	99	8	70-130/30
594-20-7	2,2-Dichloropropane	ND		2520	2600	103	2510	100	4	60-140/30
563-58-6	1,1-Dichloropropene	ND		2520	2410	96	2480	98	3	60-136/30

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56212-1MS	M9766.D	1	05/11/06	SC	n/a	n/a	MSM319
M56212-1MSD	M9767.D	1	05/11/06	SC	n/a	n/a	MSM319
M56212-1	M9758.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Compound	M56212-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND		2520	2380	94	2380	94	0	60-138/30
10061-02-6	trans-1,3-Dichloropropene	ND		2520	2440	97	2430	96	0	50-140/30
123-91-1	1,4-Dioxane	ND		12600	12800	102	12900	102	1	41-140/30
60-29-7	Ethyl Ether	ND		2520	2500	99	2440	97	2	60-150/30
100-41-4	Ethylbenzene	9090		2520	12400	-56* c	13200	-24* c	6	60-130/30
87-68-3	Hexachlorobutadiene	ND		2520	3150	125	3250	129	3	30-140/30
591-78-6	2-Hexanone	ND		2520	2310	92	2410	96	4	40-140/30
98-82-8	Isopropylbenzene	1480		2520	3970	68	4130	74	4	60-130/30
99-87-6	p-Isopropyltoluene	583		2520	3310	96	3410	100	3	46-140/30
1634-04-4	Methyl Tert Butyl Ether	ND		2520	2510	100	2460	98	2	60-140/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2520	3140	125	3060	121	3	60-140/30
74-95-3	Methylene bromide	ND		2520	2840	113	2650	105	7	70-140/30
75-09-2	Methylene chloride	ND		2520	2740	109	2530	100	8	60-140/30
91-20-3	Naphthalene	2260		2520	4840	56	4920	59	2	30-140/30
103-65-1	n-Propylbenzene	5790		2520	8710	-4* c	8910	4* c	2	51-139/30
100-42-5	Styrene	125		2520	2520	92	2730	101	8	40-140/30
994-05-8	tert-Amyl Methyl Ether	ND		2520	2660	106	2720	108	2	60-130/30
637-92-3	tert-Butyl Ethyl Ether	ND		2520	2700	107	2670	106	1	70-140/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		2520	2220	88	2400	95	8	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		2520	2520	100	2550	101	1	41-140/30
127-18-4	Tetrachloroethene	ND		2520	2400	95	2600	103	8	51-140/30
109-99-9	Tetrahydrofuran	ND		2520	13000	516* a	12400	492* a	5	40-140/30
108-88-3	Toluene	1800		2520	4870	85	4860	84	0	60-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		2520	2500	99	2600	103	4	30-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		2520	2650	105	2780	110	5	30-140/30
71-55-6	1,1,1-Trichloroethane	ND		2520	2470	98	2450	97	1	60-140/30
79-00-5	1,1,2-Trichloroethane	ND		2520	2940	117	2890	115	2	64-130/30
79-01-6	Trichloroethene	ND		2520	2460	98	2410	96	2	60-140/30
75-69-4	Trichlorofluoromethane	ND		2520	2570	102	2440	97	5	51-140/30
96-18-4	1,2,3-Trichloropropane	ND		2520	2300	91	2330	92	1	60-140/30
95-63-6	1,2,4-Trimethylbenzene	28300	E	2520	31800	-449* c	32300	-429* c	2	45-140/30
108-67-8	1,3,5-Trimethylbenzene	9290		2520	12300	-71* c	12600	-60* c	2	51-140/30
75-01-4	Vinyl chloride	ND		2520	401	16* a	377	15* a	6	30-140/30
	m,p-Xylene	27700		5040	33500	-173* c	35400	-135* c	6	48-140/30
95-47-6	o-Xylene	6260		2520	8970	-22* c	9580	2* c	7	54-140/30
1330-20-7	Xylene (total)	34000		7560	42500	-122* c	44900	-90* c	5	60-137/30

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56212-1MS	M9766.D	1	05/11/06	SC	n/a	n/a	MSM319
M56212-1MSD	M9767.D	1	05/11/06	SC	n/a	n/a	MSM319
M56212-1	M9758.D	1	05/11/06	SC	n/a	n/a	MSM319

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-13, M56182-15, M56182-18, M56182-19, M56182-20, M56182-27

CAS No.	Surrogate Recoveries	MS	MSD	M56212-1	Limits
1868-53-7	Dibromofluoromethane	97%	96%	95%	70-130%
2037-26-5	Toluene-D8	105%	105%	104%	70-130%
460-00-4	4-Bromofluorobenzene	96%	99%	96%	73-128%

- (a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
- (b) High RPD due to possible matrix interference and/or sample non-homogeneity.
- (c) Outside control limits due to high level in sample relative to spike amount.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56318-3MS	M9862.D	1	05/15/06	SC	n/a	n/a	MSM321
M56318-3MSD	M9863.D	1	05/15/06	SC	n/a	n/a	MSM321
M56318-3	M9846.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Compound	M56318-3 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2440	2220	91	2190	90	1	30-140/30
71-43-2	Benzene	ND		2440	2520	103	2420	99	4	70-130/30
108-86-1	Bromobenzene	ND		2440	2410	99	2360	97	2	60-130/30
74-97-5	Bromochloromethane	ND		2440	2490	102	2360	97	5	72-130/30
75-27-4	Bromodichloromethane	ND		2440	2330	96	2380	98	2	70-130/30
75-25-2	Bromoform	ND		2440	1880	77	1900	78	1	60-130/30
74-83-9	Bromomethane	ND		2440	1140	47	1480	61	26	30-139/30
78-93-3	2-Butanone (MEK)	ND		2440	2490	102	2250	92	10	40-140/30
104-51-8	n-Butylbenzene	ND		2440	2400	98	2300	94	4	30-140/30
135-98-8	sec-Butylbenzene	ND		2440	2340	96	2270	93	3	50-140/30
98-06-6	tert-Butylbenzene	ND		2440	2320	95	2220	91	4	60-130/30
75-15-0	Carbon disulfide	ND		2440	2940	121	2820	116	4	60-140/30
56-23-5	Carbon tetrachloride	ND		2440	1990	82	2040	84	2	60-140/30
108-90-7	Chlorobenzene	ND		2440	2340	96	2240	92	4	60-130/30
75-00-3	Chloroethane	ND		2440	2190	90	2240	92	2	60-140/30
67-66-3	Chloroform	ND		2440	2510	103	2420	99	4	70-140/30
74-87-3	Chloromethane	ND		2440	2210	91	2190	90	1	30-140/30
95-49-8	o-Chlorotoluene	ND		2440	2310	95	2230	91	4	60-130/30
106-43-4	p-Chlorotoluene	ND		2440	2290	94	2210	91	4	60-130/30
108-20-3	Di-Isopropyl ether	ND		2440	2450	100	2370	97	3	61-140/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		2440	1940	80	1820	75	6	40-140/30
124-48-1	Dibromochloromethane	ND		2440	1910	78	2030	83	6	70-129/30
106-93-4	1,2-Dibromoethane	ND		2440	2380	98	2330	96	2	60-130/30
95-50-1	1,2-Dichlorobenzene	ND		2440	2280	93	2240	92	2	50-130/30
541-73-1	1,3-Dichlorobenzene	ND		2440	2290	94	2230	91	3	60-130/30
106-46-7	1,4-Dichlorobenzene	ND		2440	2240	92	2200	90	2	50-130/30
75-71-8	Dichlorodifluoromethane	ND		2440	2390	98	2200	90	8	30-140/30
75-34-3	1,1-Dichloroethane	ND		2440	2330	96	2210	91	5	70-140/30
107-06-2	1,2-Dichloroethane	ND		2440	2520	103	2460	101	2	62-140/30
75-35-4	1,1-Dichloroethene	ND		2440	2570	105	2320	95	10	60-140/30
156-59-2	cis-1,2-Dichloroethene	ND		2440	2350	96	2220	91	6	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		2440	2370	97	2260	93	5	61-130/30
78-87-5	1,2-Dichloropropane	ND		2440	2430	100	2320	95	5	70-130/30
142-28-9	1,3-Dichloropropane	ND		2440	2260	93	2300	94	2	70-130/30
594-20-7	2,2-Dichloropropane	ND		2440	2370	97	2290	94	3	60-140/30
563-58-6	1,1-Dichloropropene	ND		2440	2430	100	2320	95	5	60-136/30

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56318-3MS	M9862.D	1	05/15/06	SC	n/a	n/a	MSM321
M56318-3MSD	M9863.D	1	05/15/06	SC	n/a	n/a	MSM321
M56318-3	M9846.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Compound	M56318-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND		2440	2540	104	2490	102	2	60-138/30
10061-02-6	trans-1,3-Dichloropropene	ND		2440	2380	98	2350	96	1	50-140/30
123-91-1	1,4-Dioxane	ND		12200	11100	91	10300	84	7	41-140/30
60-29-7	Ethyl Ether	ND		2440	2430	100	2370	97	3	60-150/30
100-41-4	Ethylbenzene	ND		2440	2510	103	2380	98	5	60-130/30
87-68-3	Hexachlorobutadiene	ND		2440	2440	100	2440	100	0	30-140/30
591-78-6	2-Hexanone	ND		2440	1940	80	1980	81	2	40-140/30
98-82-8	Isopropylbenzene	ND		2440	2360	97	2280	93	3	60-130/30
99-87-6	p-Isopropyltoluene	ND		2440	2430	100	2350	96	3	46-140/30
1634-04-4	Methyl Tert Butyl Ether	ND		2440	2570	105	2460	101	4	60-140/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2440	2160	89	2090	86	3	60-140/30
74-95-3	Methylene bromide	ND		2440	2690	110	2580	106	4	70-140/30
75-09-2	Methylene chloride	ND		2440	2490	102	2380	98	5	60-140/30
91-20-3	Naphthalene	ND		2440	1970	81	2040	84	3	30-140/30
103-65-1	n-Propylbenzene	ND		2440	2350	96	2250	92	4	51-139/30
100-42-5	Styrene	ND		2440	2480	102	2370	97	5	40-140/30
994-05-8	tert-Amyl Methyl Ether	ND		2440	2420	99	2380	98	2	60-130/30
637-92-3	tert-Butyl Ethyl Ether	ND		2440	2520	103	2440	100	3	70-140/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		2440	2300	94	2230	91	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		2440	2360	97	2250	92	5	41-140/30
127-18-4	Tetrachloroethene	ND		2440	2490	102	2350	96	6	51-140/30
109-99-9	Tetrahydrofuran	ND		2440	2250	92	2040	84	10	40-140/30
108-88-3	Toluene	ND		2440	2570	105	2460	101	4	60-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		2440	2230	91	2300	94	3	30-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		2440	2210	91	2270	93	3	30-140/30
71-55-6	1,1,1-Trichloroethane	ND		2440	2460	101	2400	98	2	60-140/30
79-00-5	1,1,2-Trichloroethane	ND		2440	2360	97	2390	98	1	64-130/30
79-01-6	Trichloroethene	ND		2440	2410	99	2380	98	1	60-140/30
75-69-4	Trichlorofluoromethane	ND		2440	2470	101	2400	98	3	51-140/30
96-18-4	1,2,3-Trichloropropane	ND		2440	2280	93	2180	89	4	60-140/30
95-63-6	1,2,4-Trimethylbenzene	ND		2440	2360	97	2310	95	2	45-140/30
108-67-8	1,3,5-Trimethylbenzene	ND		2440	2430	100	2350	96	3	51-140/30
75-01-4	Vinyl chloride	ND		2440	348	14* a	325	13* a	7	30-140/30
	m,p-Xylene	ND		4880	4940	101	4690	96	5	48-140/30
95-47-6	o-Xylene	ND		2440	2480	102	2330	96	6	54-140/30
1330-20-7	Xylene (total)	ND		7320	7420	101	7020	96	6	60-137/30

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
M56318-3MS	M9862.D	1	05/15/06	SC	n/a	n/a	MSM321
M56318-3MSD	M9863.D	1	05/15/06	SC	n/a	n/a	MSM321
M56318-3	M9846.D	1	05/15/06	SC	n/a	n/a	MSM321

The QC reported here applies to the following samples:

Method: SW846 8260B

M56182-7

CAS No.	Surrogate Recoveries	MS	MSD	M56318-3	Limits
1868-53-7	Dibromofluoromethane	97%	96%	98%	70-130%
2037-26-5	Toluene-D8	94%	90%	89%	70-130%
460-00-4	4-Bromofluorobenzene	89%	86%	87%	73-128%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Instrument Performance Check (BFB)

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample: MSM310-BFB Injection Date: 05/05/06
Lab File ID: M9515.D Injection Time: 07:55
Instrument ID: GCMSM

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	8649	19.9	Pass
75	30.0 - 60.0% of mass 95	21460	49.5	Pass
95	Base peak, 100% relative abundance	43380	100.0	Pass
96	5.0 - 9.0% of mass 95	2848	6.6	Pass
173	Less than 2.0% of mass 174	213	0.49 (0.77) ^a	Pass
174	50.0 - 100.0% of mass 95	27716	63.9	Pass
175	5.0 - 9.0% of mass 174	1987	4.6 (7.2) ^a	Pass
176	95.0 - 101.0% of mass 174	27692	63.8 (99.9) ^a	Pass
177	5.0 - 9.0% of mass 176	1829	4.2 (6.6) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSM310-IC310	M9517.D	05/05/06	08:50	00:55	Initial cal 0.5
MSM310-IC310	M9518.D	05/05/06	09:18	01:23	Initial cal 1
MSM310-IC310	M9519.D	05/05/06	09:46	01:51	Initial cal 2
MSM310-IC310	M9520.D	05/05/06	10:14	02:19	Initial cal 5
MSM310-IC310	M9521.D	05/05/06	10:41	02:46	Initial cal 25
MSM310-IC310	M9522.D	05/05/06	11:09	03:14	Initial cal 400
MSM310-IC310	M9523.D	05/05/06	11:37	03:42	Initial cal 300
MSM310-IC310	M9524.D	05/05/06	12:04	04:09	Initial cal 200
MSM310-ICC310	M9525.D	05/05/06	12:32	04:37	Initial cal 100
MSM310-IC310	M9526.D	05/05/06	13:00	05:05	Initial cal 50
MSM310-ICV310	M9527.D	05/05/06	13:54	05:59	Initial cal verification 50

Instrument Performance Check (BFB)

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample: MSM317-BFB

Injection Date: 05/10/06

Lab File ID: M9704.D

Injection Time: 12:26

Instrument ID: GCMSM

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	16592	19.6	Pass
75	30.0 - 60.0% of mass 95	42600	50.3	Pass
95	Base peak, 100% relative abundance	84608	100.0	Pass
96	5.0 - 9.0% of mass 95	5831	6.9	Pass
173	Less than 2.0% of mass 174	378	0.45 (0.73) ^a	Pass
174	50.0 - 100.0% of mass 95	51704	61.1	Pass
175	5.0 - 9.0% of mass 174	3972	4.7 (7.7) ^a	Pass
176	95.0 - 101.0% of mass 174	51648	61.0 (99.9) ^a	Pass
177	5.0 - 9.0% of mass 176	3617	4.3 (7.0) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSM317-CC310	M9704.D	05/10/06	12:26	00:00	Continuing cal 100
MSM317-BS	M9705.D	05/10/06	12:55	00:29	Blank Spike
MSM315-BS1	M9705.D	05/10/06	12:55	00:29	Blank Spike
MSM317-BSD	M9706.D	05/10/06	13:23	00:57	Blank Spike Duplicate
MSM317-MB	M9708.D	05/10/06	14:21	01:55	Method Blank
MSM315-MB1	M9708.D	05/10/06	14:21	01:55	Method Blank
ZZZZZZ	M9709.D	05/10/06	14:49	02:23	(unrelated sample)
ZZZZZZ	M9710.D	05/10/06	15:17	02:51	(unrelated sample)
ZZZZZZ	M9711.D	05/10/06	15:45	03:19	(unrelated sample)
ZZZZZZ	M9712.D	05/10/06	16:12	03:46	(unrelated sample)
ZZZZZZ	M9713.D	05/10/06	16:40	04:14	(unrelated sample)
M56147-18	M9714.D	05/10/06	17:07	04:41	(used for QC only; not part of job M56182)
ZZZZZZ	M9715.D	05/10/06	17:38	05:12	(unrelated sample)
ZZZZZZ	M9716.D	05/10/06	18:05	05:39	(unrelated sample)
ZZZZZZ	M9717.D	05/10/06	18:47	06:21	(unrelated sample)
ZZZZZZ	M9718.D	05/10/06	19:14	06:48	(unrelated sample)
M56147-18MS	M9719.D	05/10/06	19:41	07:15	Matrix Spike
M56147-18MSD	M9720.D	05/10/06	20:10	07:44	Matrix Spike Duplicate
ZZZZZZ	M9722.D	05/10/06	21:05	08:39	(unrelated sample)
M56032-1	M9723.D	05/10/06	21:33	09:07	(used for QC only; not part of job M56182)
M56182-1	M9724.D	05/10/06	22:00	09:34	045160-MW102S1
M56182-3	M9725.D	05/10/06	22:28	10:02	045160-MW103S1
M56182-4	M9726.D	05/10/06	22:55	10:29	045160-MW101S1
M56182-5	M9727.D	05/10/06	23:23	10:57	045160-MW105S1

Instrument Performance Check (BFB)

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample:	MSM317-BFB	Injection Date:	05/10/06
Lab File ID:	M9704.D	Injection Time:	12:26
Instrument ID:	GCMSM		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	M9728.D	05/10/06	23:51	11:25	(unrelated sample)

Instrument Performance Check (BFB)

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Job Number: M56182

Account: GEI GEI Consultants, Inc.

Project: Tufts Street Somerville MA

Sample: MSM319-BFB

Injection Date: 05/11/06

Lab File ID: M9748.D

Injection Time: 10:52

Instrument ID: GCMSM

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	9191	19.0	Pass
75	30.0 - 60.0% of mass 95	23916	49.4	Pass
95	Base peak, 100% relative abundance	48376	100.0	Pass
96	5.0 - 9.0% of mass 95	3420	7.1	Pass
173	Less than 2.0% of mass 174	0	0.0 (0.0) ^a	Pass
174	50.0 - 100.0% of mass 95	29972	62.0	Pass
175	5.0 - 9.0% of mass 174	2498	5.2 (8.3) ^a	Pass
176	95.0 - 101.0% of mass 174	30271	62.6 (101.0) ^a	Pass
177	5.0 - 9.0% of mass 176	2021	4.2 (6.7) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSM319-CC310	M9748.D	05/11/06	10:52	00:00	Continuing cal 100
MSM319-BS	M9749.D	05/11/06	11:27	00:35	Blank Spike
MSM319-BSD	M9750.D	05/11/06	11:55	01:03	Blank Spike Duplicate
MSM319-MB	M9752.D	05/11/06	12:51	01:59	Method Blank
ZZZZZZ	M9754.D	05/11/06	13:45	02:53	(unrelated sample)
ZZZZZZ	M9755.D	05/11/06	14:13	03:21	(unrelated sample)
ZZZZZZ	M9756.D	05/11/06	14:41	03:49	(unrelated sample)
ZZZZZZ	M9757.D	05/11/06	15:09	04:17	(unrelated sample)
M56212-1	M9758.D	05/11/06	15:36	04:44	(used for QC only; not part of job M56182)
ZZZZZZ	M9761.D	05/11/06	17:00	06:08	(unrelated sample)
ZZZZZZ	M9762.D	05/11/06	17:27	06:35	(unrelated sample)
ZZZZZZ	M9763.D	05/11/06	17:55	07:03	(unrelated sample)
ZZZZZZ	M9764.D	05/11/06	18:23	07:31	(unrelated sample)
M56212-1MS	M9766.D	05/11/06	19:18	08:26	Matrix Spike
M56212-1MSD	M9767.D	05/11/06	19:47	08:55	Matrix Spike Duplicate
M56182-13	M9768.D	05/11/06	20:15	09:23	045160-MW102S5
M56182-15	M9769.D	05/11/06	20:43	09:51	045160-MW103S6
M56182-18	M9770.D	05/11/06	21:11	10:19	045160-MW101S5
M56182-19	M9771.D	05/11/06	21:39	10:47	045160-MW101S6
M56182-20	M9772.D	05/11/06	22:09	11:17	045160-MW101S4
M56182-27	M9773.D	05/11/06	22:36	11:44	045160-MW105S9

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample:	MSM320-BFB	Injection Date:	05/13/06
Lab File ID:	M9796.D	Injection Time:	02:19
Instrument ID:	GCMSM		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	4076	17.5	Pass
75	30.0 - 60.0% of mass 95	10932	46.9	Pass
95	Base peak, 100% relative abundance	23296	100.0	Pass
96	5.0 - 9.0% of mass 95	1927	8.3	Pass
173	Less than 2.0% of mass 174	0	0.0 (0.0) ^a	Pass
174	50.0 - 100.0% of mass 95	13369	57.4	Pass
175	5.0 - 9.0% of mass 174	1175	5.0 (8.8) ^a	Pass
176	95.0 - 101.0% of mass 174	13234	56.8 (99.0) ^a	Pass
177	5.0 - 9.0% of mass 176	1066	4.6 (8.1) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSM320-IC320	M9797.D	05/13/06	02:46	00:27	Initial cal 400
MSM320-IC320	M9798.D	05/13/06	03:15	00:56	Initial cal 300
MSM320-IC320	M9799.D	05/13/06	03:42	01:23	Initial cal 200
MSM320-ICC320	M9800.D	05/13/06	04:10	01:51	Initial cal 100
MSM320-IC320	M9801.D	05/13/06	04:37	02:18	Initial cal 50
MSM320-IC320	M9802.D	05/13/06	05:05	02:46	Initial cal 25
MSM320-IC320	M9803.D	05/13/06	05:32	03:13	Initial cal 5
MSM320-IC320	M9804.D	05/13/06	06:00	03:41	Initial cal 2
MSM320-IC320	M9805.D	05/13/06	06:27	04:08	Initial cal 1
MSM320-IC320	M9806.D	05/13/06	06:55	04:36	Initial cal 0.5
MSM320-ICV320	M9808.D	05/13/06	07:51	05:32	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample: MSM321-BFB	Injection Date: 05/15/06
Lab File ID: M9839.D	Injection Time: 11:23
Instrument ID: GCMSM	

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	11974	17.5	Pass
75	30.0 - 60.0% of mass 95	33816	49.5	Pass
95	Base peak, 100% relative abundance	68288	100.0	Pass
96	5.0 - 9.0% of mass 95	5133	7.5	Pass
173	Less than 2.0% of mass 174	350	0.51 (0.85) ^a	Pass
174	50.0 - 100.0% of mass 95	41008	60.1	Pass
175	5.0 - 9.0% of mass 174	3208	4.7 (7.8) ^a	Pass
176	95.0 - 101.0% of mass 174	40344	59.1 (98.4) ^a	Pass
177	5.0 - 9.0% of mass 176	2998	4.4 (7.4) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
MSM321-CC320	M9839.D	05/15/06	11:23	00:00	Continuing cal 100
MSM321-BS	M9841.D	05/15/06	12:20	00:57	Blank Spike
MSM321-BSD	M9842.D	05/15/06	13:06	01:43	Blank Spike Duplicate
MSM321-MB	M9844.D	05/15/06	14:17	02:54	Method Blank
M56182-7	M9845.D	05/15/06	14:45	03:22	045160-MW103S2
M56318-3	M9846.D	05/15/06	15:13	03:50	(used for QC only; not part of job M56182)
ZZZZZZ	M9847.D	05/15/06	15:40	04:17	(unrelated sample)
ZZZZZZ	M9848.D	05/15/06	16:08	04:45	(unrelated sample)
ZZZZZZ	M9849.D	05/15/06	16:36	05:13	(unrelated sample)
ZZZZZZ	M9850.D	05/15/06	17:04	05:41	(unrelated sample)
ZZZZZZ	M9852.D	05/15/06	17:58	06:35	(unrelated sample)
ZZZZZZ	M9853.D	05/15/06	18:25	07:02	(unrelated sample)
ZZZZZZ	M9854.D	05/15/06	18:53	07:30	(unrelated sample)
ZZZZZZ	M9855.D	05/15/06	19:21	07:58	(unrelated sample)
ZZZZZZ	M9856.D	05/15/06	19:49	08:26	(unrelated sample)
ZZZZZZ	M9857.D	05/15/06	20:17	08:54	(unrelated sample)
ZZZZZZ	M9858.D	05/15/06	20:44	09:21	(unrelated sample)
ZZZZZZ	M9859.D	05/15/06	21:12	09:49	(unrelated sample)
ZZZZZZ	M9860.D	05/15/06	21:39	10:16	(unrelated sample)
ZZZZZZ	M9861.D	05/15/06	22:07	10:44	(unrelated sample)
M56318-3MS	M9862.D	05/15/06	22:35	11:12	Matrix Spike
M56318-3MSD	M9863.D	05/15/06	23:03	11:40	Matrix Spike Duplicate

Volatile Internal Standard Area Summary

Page 1 of 1

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Check Std:	MSM317-CC310	Injection Date:	05/10/06
Lab File ID:	M9704.D	Injection Time:	12:26
Instrument ID:	GCMSM	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	67397	9.32	130191	10.19	81284	13.46	62603	16.03	116990	6.85
Upper Limit ^a	134794	9.82	260382	10.69	162568	13.96	125206	16.53	233980	7.35
Lower Limit ^b	33699	8.82	65096	9.69	40642	12.96	31302	15.53	58495	6.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSM317-BS	66268	9.32	128379	10.19	78679	13.46	60557	16.03	132182	6.85
MSM315-BS1	66268	9.32	128379	10.19	78679	13.46	60557	16.03	132182	6.85
MSM317-BSD	66736	9.32	128563	10.19	79189	13.46	60985	16.03	118036	6.85
MSM317-MB	62936	9.31	121319	10.19	75336	13.46	57344	16.03	128137	6.99
MSM315-MB1	62936	9.31	121319	10.19	75336	13.46	57344	16.03	128137	6.99
ZZZZZZ	62742	9.31	122301	10.19	76031	13.46	56743	16.03	128230	6.85
ZZZZZZ	62605	9.31	121887	10.19	80168	13.46	64209	16.03	131470	6.86
ZZZZZZ	70983	9.32	137417	10.19	88393	13.46	69644	16.03	133020	6.87
ZZZZZZ	66413	9.31	125587	10.19	81190	13.46	61754	16.03	136610	6.95
ZZZZZZ	68494	9.31	134008	10.19	83844	13.46	63375	16.03	148465	6.95
M56147-18	65226	9.31	128795	10.19	81366	13.46	61602	16.03	134576	6.97
ZZZZZZ	66044	9.31	127034	10.19	84271	13.46	65785	16.03	134742	6.98
ZZZZZZ	71753	9.31	136376	10.19	82394	13.46	67786	16.03	113203	7.10
ZZZZZZ	69464	9.30	137297	10.19	88076	13.46	70638	16.03	132706	7.13
ZZZZZZ	74214	9.31	139866	10.19	94982	13.47	68080	16.03	136644	7.12
M56147-18MS	76804	9.31	144071	10.19	91610	13.46	76616	16.02	157461	6.97
M56147-18MSD	75259	9.31	144252	10.19	93843	13.46	75720	16.03	155989	6.97
ZZZZZZ	70686	9.31	135122	10.19	86845	13.46	67923	16.03	142092	6.95
M56032-1	73797	9.30	142256	10.18	87052	13.46	66799	16.02	119078	7.06
M56182-1	74226	9.31	141728	10.19	89385	13.46	69335	16.03	148959	6.97
M56182-3	67248	9.31	127676	10.19	81686	13.46	63172	16.03	139327	6.97
M56182-4	67074	9.31	129377	10.19	81133	13.46	62392	16.03	134110	6.96
M56182-5	69123	9.31	132682	10.19	84911	13.46	65037	16.03	142290	6.98
ZZZZZZ	70615	9.32	136220	10.19	87305	13.46	65559	16.02	146275	6.86

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

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Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Check Std:	MSM319-CC310	Injection Date:	05/11/06
Lab File ID:	M9748.D	Injection Time:	10:52
Instrument ID:	GCMSM	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	68210	9.32	131662	10.19	82317	13.46	63492	16.03	107588	6.85
Upper Limit ^a	136420	9.82	263324	10.69	164634	13.96	126984	16.53	215176	7.35
Lower Limit ^b	34105	8.82	65831	9.69	41159	12.96	31746	15.53	53794	6.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSM319-BS	64928	9.32	125362	10.19	77005	13.46	59533	16.03	112846	6.85
MSM319-BSD	64728	9.32	124411	10.19	78692	13.46	61339	16.03	126990	6.85
MSM319-MB	64145	9.31	124241	10.19	77897	13.46	58525	16.03	117810	7.01
ZZZZZZ	58024	9.31	114578	10.19	74102	13.46	56228	16.03	119171	6.97
ZZZZZZ	58810	9.31	114862	10.19	73333	13.46	55727	16.03	120798	6.99
ZZZZZZ	58260	9.31	112021	10.19	71598	13.46	54480	16.03	122068	6.98
ZZZZZZ	59555	9.31	116594	10.19	74088	13.46	55928	16.03	121005	6.97
M56212-1	61632	9.31	119886	10.19	80862	13.46	65888	16.03	125326	6.98
ZZZZZZ	59904	9.31	115046	10.19	73320	13.46	56584	16.03	131304	6.95
ZZZZZZ	62474	9.31	121095	10.19	77744	13.46	58416	16.03	129148	6.95
ZZZZZZ	59490	9.31	117268	10.19	73538	13.46	55950	16.03	121795	6.95
ZZZZZZ	55428	9.31	108266	10.19	69835	13.46	52641	16.03	122791	6.96
M56212-1MS	62853	9.31	124251	10.19	85346	13.46	67778	16.03	123733	6.97
M56212-1MSD	69062	9.31	132924	10.19	84576	13.46	69710	16.03	127562	6.97
M56182-13	64391	9.31	123449	10.19	79128	13.46	62156	16.03	133928	6.97
M56182-15	65146	9.31	124533	10.19	77955	13.46	60667	16.03	131650	6.97
M56182-18	64186	9.31	121520	10.19	77753	13.46	59538	16.03	130275	6.96
M56182-19	61909	9.31	119153	10.19	75501	13.46	57323	16.03	133936	6.96
M56182-20	60207	9.31	115057	10.19	72819	13.46	55832	16.03	130314	6.96
M56182-27	59695	9.31	115191	10.19	73839	13.46	56581	16.03	129208	6.97

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.

(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Page 1 of 1

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Check Std:	MSM321-CC320	Injection Date:	05/15/06
Lab File ID:	M9839.D	Injection Time:	11:23
Instrument ID:	GCMSM	Method:	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	81796	9.32	152537	10.19	97079	13.46	79184	16.03	149748	6.85
Upper Limit ^a	163592	9.82	305074	10.69	194158	13.96	158368	16.53	299496	7.35
Lower Limit ^b	40898	8.82	76269	9.69	48540	12.96	39592	15.53	74874	6.35

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSM321-BS	80557	9.32	151785	10.19	93832	13.46	76493	16.03	130354	6.85
MSM321-BSD	84585	9.32	157818	10.19	98491	13.46	81653	16.03	165528	6.86
MSM321-MB	79229	9.31	151141	10.19	97242	13.47	77353	16.03	136415	7.14
M56182-7	78238	9.31	149619	10.19	95752	13.46	77082	16.03	131973	6.98
M56318-3	79278	9.31	149901	10.19	95668	13.47	76451	16.03	131330	6.99
ZZZZZZ	78382	9.31	152501	10.20	95419	13.47	76322	16.03	112017	7.10
ZZZZZZ	82376	9.31	154950	10.19	99384	13.47	78695	16.03	128645	7.10
ZZZZZZ	82518	9.31	158175	10.19	99078	13.47	80113	16.03	118260	7.10
ZZZZZZ	80121	9.31	149259	10.19	94638	13.47	75884	16.03	117268	7.12
ZZZZZZ	85530	9.31	162718	10.19	98898	13.46	80829	16.03	127354	7.10
ZZZZZZ	80359	9.31	152214	10.19	92397	13.46	76221	16.03	113012	7.12
ZZZZZZ	80861	9.31	155483	10.19	97120	13.47	78146	16.03	127826	7.11
ZZZZZZ	77838	9.31	148035	10.19	93908	13.47	74774	16.03	125998	7.12
ZZZZZZ	82945	9.31	156477	10.19	99938	13.47	79528	16.03	130931	7.11
ZZZZZZ	82061	9.31	156753	10.19	98300	13.47	78809	16.03	117909	7.11
ZZZZZZ	78826	9.31	150777	10.19	92705	13.46	76171	16.03	113931	7.11
ZZZZZZ	82173	9.31	157687	10.19	99651	13.47	80162	16.03	128455	7.10
ZZZZZZ	81101	9.31	156503	10.19	92392	13.46	80063	16.03	123121	7.11
ZZZZZZ	87940	9.31	166566	10.19	106205	13.47	85125	16.03	125791	7.11
M56318-3MS	86315	9.31	163433	10.19	104687	13.46	83430	16.03	138747	6.99
M56318-3MSD	87518	9.32	165275	10.19	106730	13.46	83450	16.03	130431	6.98

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.

(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Sample Raw Data

J260B

(Test)

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9724.D Vial: 21
 Acq On : 10 May 2006 10:00 pm Operator: sandrac
 Sample : M56182-1 Inst : MSM
 Misc : ms11364msm317,12.710,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 11 11:05:37 2006 Quant Results File: M050506S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.97	65	148959	500.00	ug/L	0.12
3) pentafluorobenzene	9.31	168	74226	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	141728	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	89385	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	69335	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	44908	40.81	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	81.62%#
62) toluene-d8 (s)	12.00	98	203195	43.53	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	87.06%#
84) bromofluorobenzene (s)	14.69	95	85483	45.41	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	90.82%

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9724.D M050506S.M Thu May 11 13:00:22 2006 RPT1

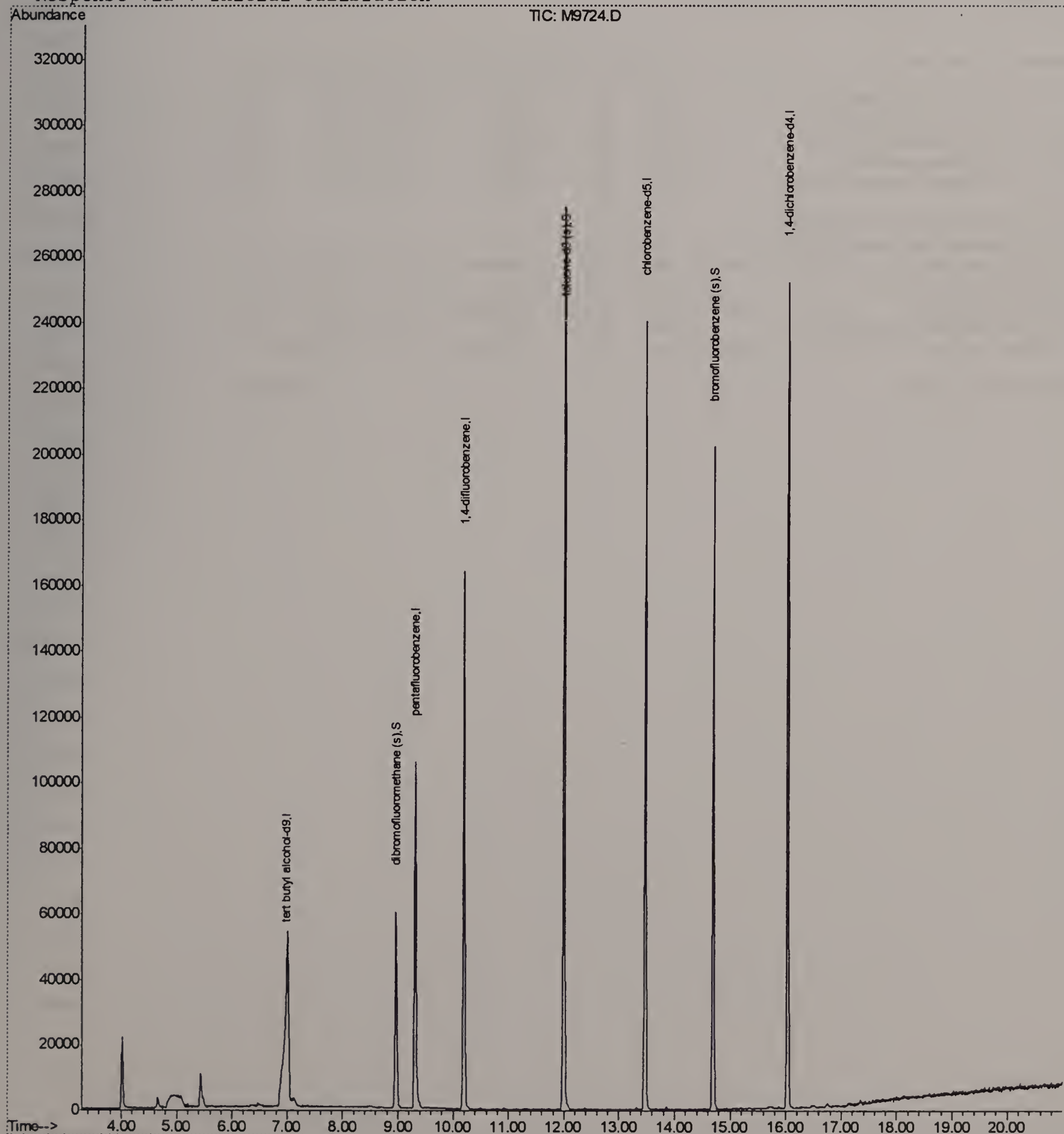
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9724.D
 Acq On : 10 May 2006 10:00 pm
 Sample : M56182-1
 Misc : ms11364msm317,12.710,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 11 13:00 2006

Vial: 21
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506S.RES

Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9725.D Vial: 22
 Acq On : 10 May 2006 10:28 pm Operator: sandrac
 Sample : M56182-3 Inst : MSM
 Misc : ms11364msm317,11.220,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 11 11:05:44 2006 Quant Results File: M050506S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.97	65	139327	500.00	ug/L	0.12
3) pentafluorobenzene	9.31	168	67248	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	127676	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	81686	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	63172	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	42927	43.06	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	86.12%
62) toluene-d8 (s)	12.00	98	186970	44.47	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	88.94%
84) bromofluorobenzene (s)	14.69	95	78820	45.96	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	91.92%

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9725.D M050506S.M Thu May 11 13:00:48 2006 RPT1

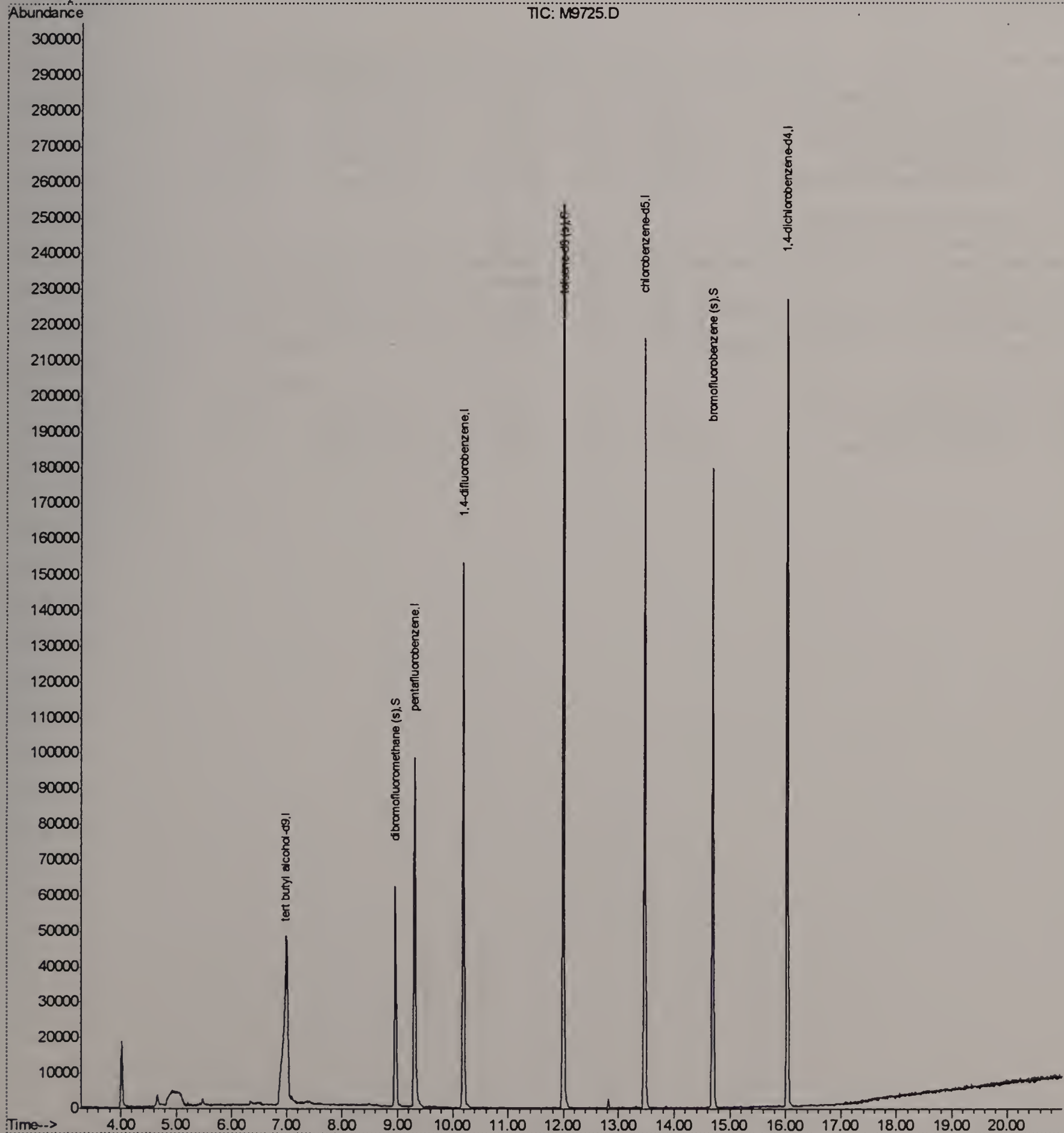
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9725.D
 Acq On : 10 May 2006 10:28 pm
 Sample : M56182-3
 Misc : ms11364msm317,11.220,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 11 13:00 2006

Vial: 22
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506S.RES

Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9726.D
 Acq On : 10 May 2006 10:55 pm
 Sample : M56182-4
 Misc : ms11364msm317,13.580,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 11 11:05:50 2006

Vial: 23
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.96	65	134110	500.00	ug/L	0.11
3) pentafluorobenzene	9.31	168	67074	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	129377	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	81133	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	62392	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	43463	43.71	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	87.42%
62) toluene-d8 (s)	12.00	98	189989	44.59	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	89.18%
84) bromofluorobenzene (s)	14.69	95	80280	47.40	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	94.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
43) 1,1,1-trichloroethane	9.59	97	1676	1.17	ug/L	97
52) trichloroethene	10.61	95	4281	5.47	ug/L	95
69) tetrachloroethene	12.81	166	12212	15.12	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9726.D M050506S.M Thu May 11 13:01:32 2006 RPT1

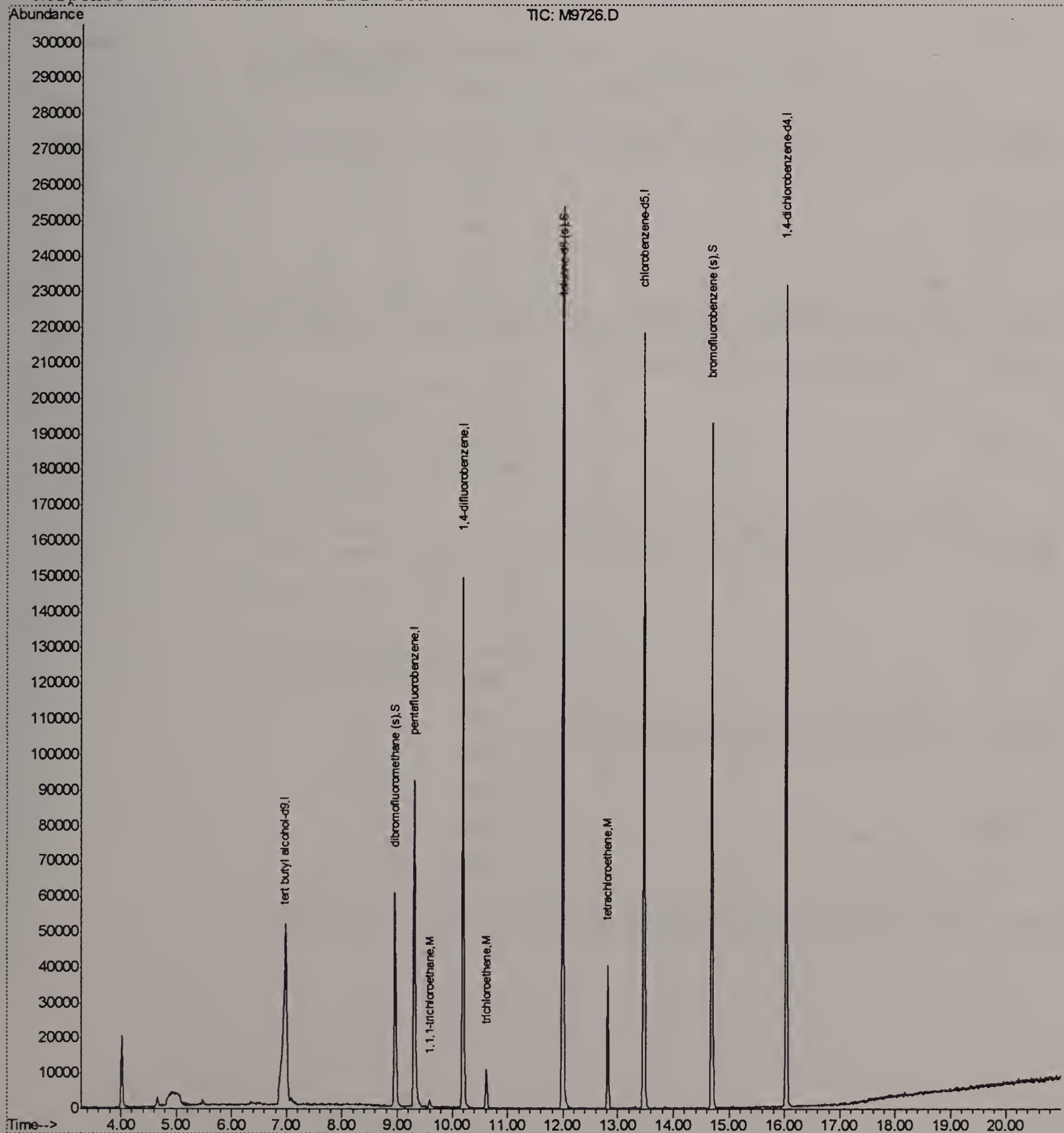
Quantitation Report (QT Reviewed)

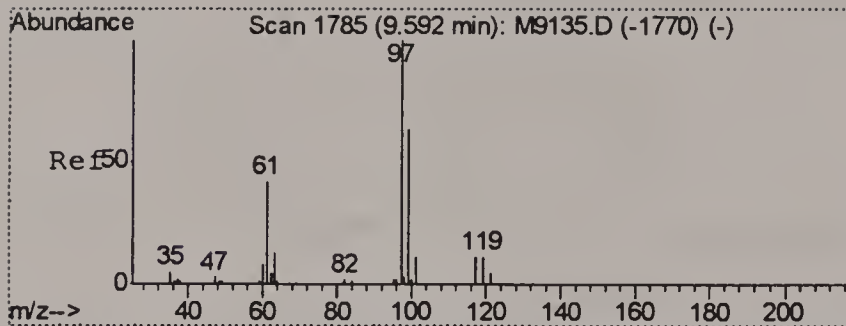
Data File : C:\MSDCHEM\1\DATA\M9726.D
 Acq On : 10 May 2006 10:55 pm
 Sample : M56182-4
 Misc : ms11364msm317,13.580,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 11 13:01 2006

Vial: 23
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506S.RES

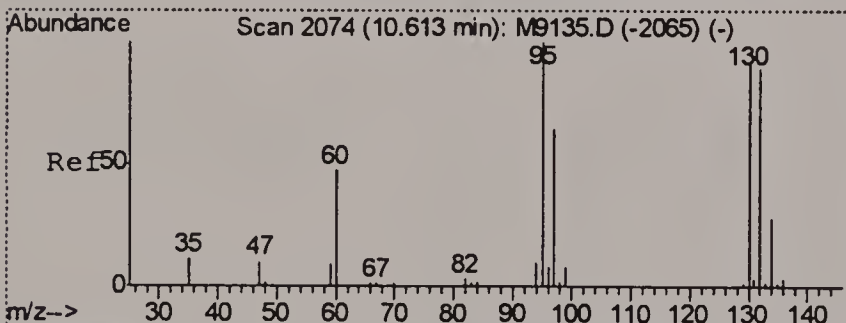
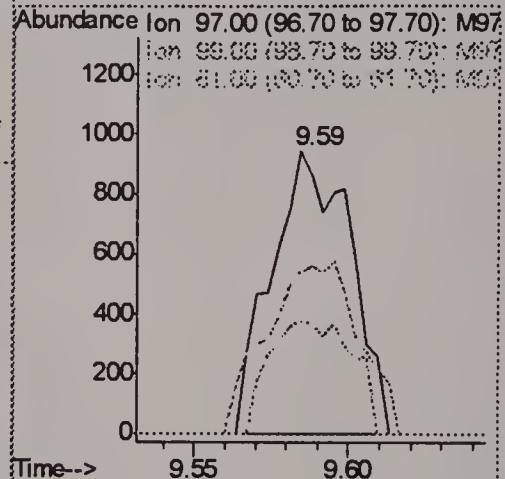
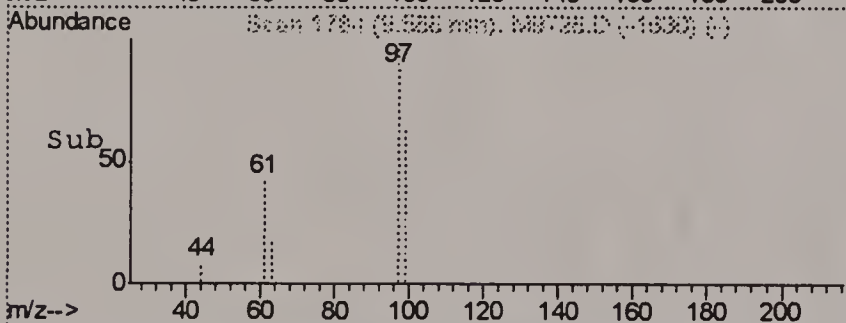
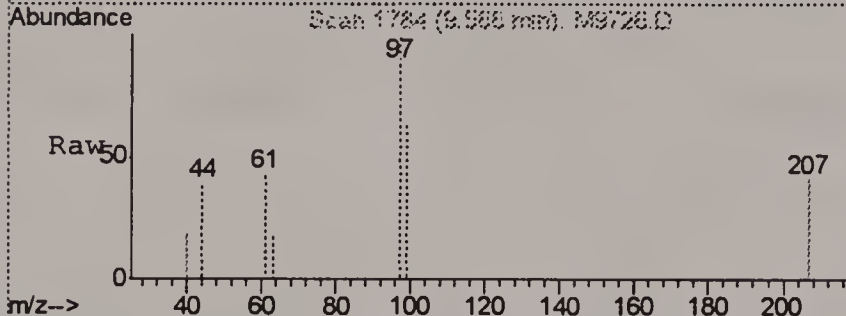
Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration





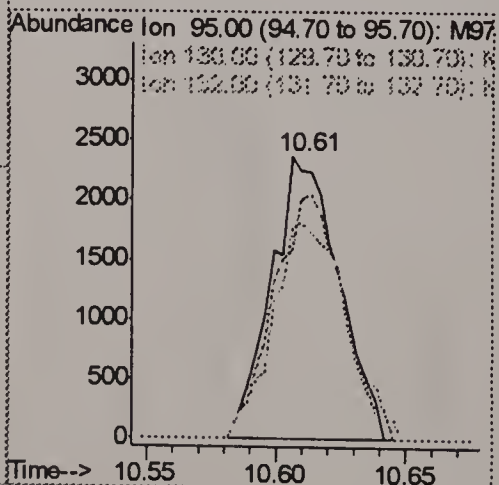
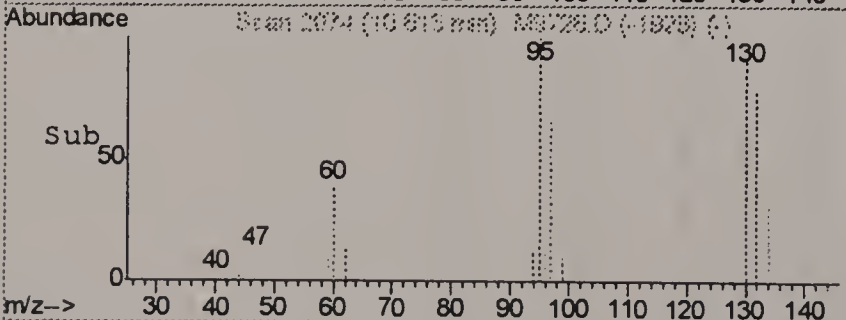
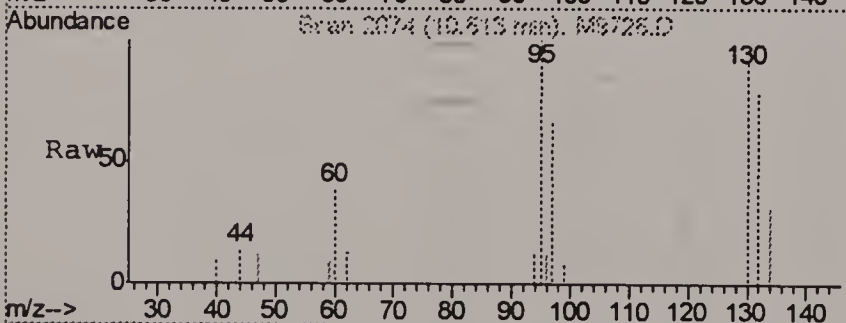
#43
1,1,1-trichloroethane
Concen: 1.17 ug/L
RT: 9.59 min Scan# 1784
Delta R.T. -0.01 min
Lab File: M9726.D
Acq: 10 May 2006 10:55 pm

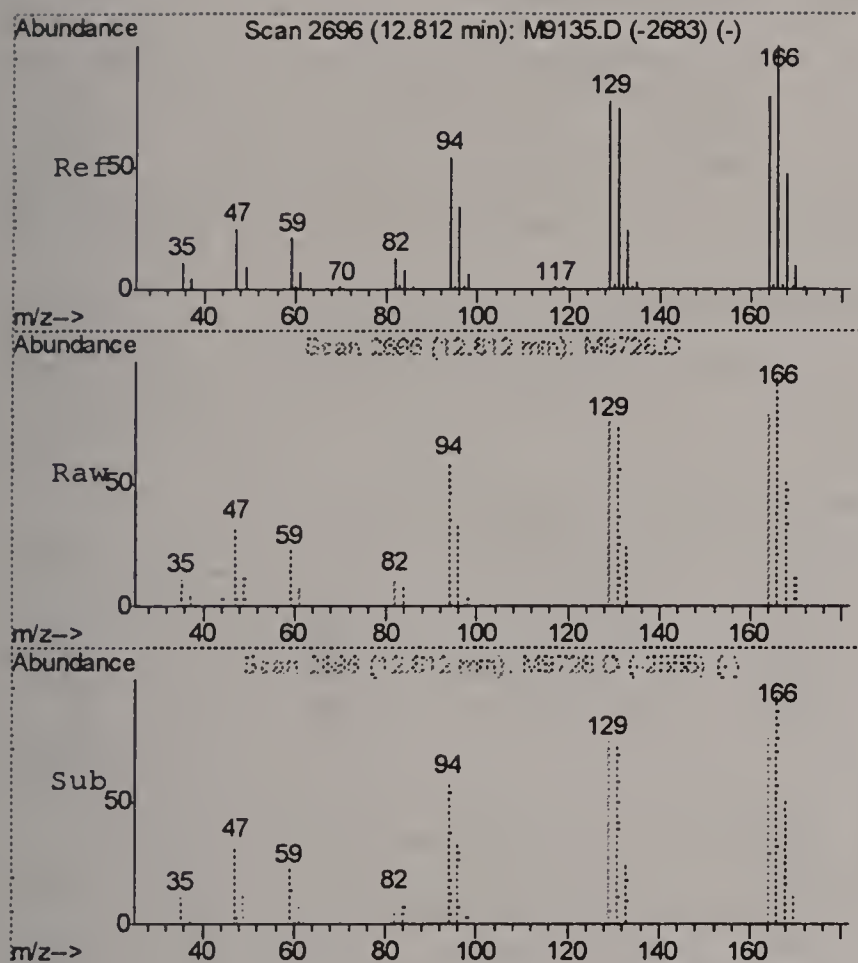
Tgt Ion: 97 Resp: 1676
Ion Ratio Lower Upper
97 100
99 65.4 37.4 97.4
61 42.9 15.6 75.6



#52
trichloroethene
Concen: 5.47 ug/L
RT: 10.61 min Scan# 2074
Delta R.T. -0.00 min
Lab File: M9726.D
Acq: 10 May 2006 10:55 pm

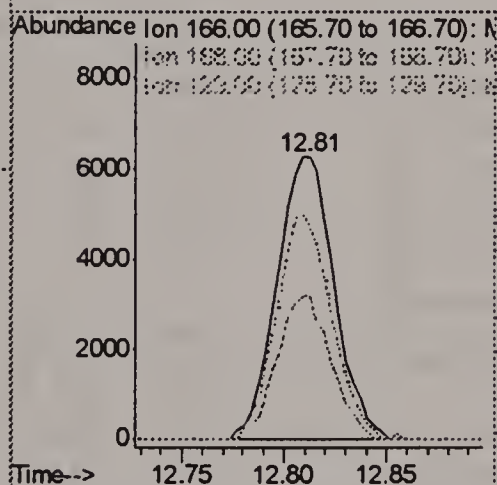
Tgt Ion: 95 Resp: 4281
Ion Ratio Lower Upper
95 100
130 91.8 56.5 116.5
132 77.7 51.2 111.2





#69
 tetrachloroethene
 Concen: 15.12 ug/L
 RT: 12.81 min Scan# 2696
 Delta R.T. -0.00 min
 Lab File: M9726.D
 Acq: 10 May 2006 10:55 pm

Tgt Ion:	166	Resp:	12212
Ion	Ratio	Lower	Upper
166	100		
168	50.5	16.1	76.1
129	75.1	45.0	105.0



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9727.D
 Acq On : 10 May 2006 11:23 pm
 Sample : M56182-5
 Misc : ms11364msm317,8.170,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 11 11:05:57 2006

Vial: 24
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.98	65	142290	500.00	ug/L	0.13
3) pentafluorobenzene	9.31	168	69123	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	132682	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	84911	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	65037	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	43697	42.65	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	85.30%#
62) toluene-d8 (s)	11.99	98	191457	43.82	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	87.64%#
84) bromofluorobenzene (s)	14.69	95	77450	43.87	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	87.74%

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9727.D M050506S.M Thu May 11 13:01:58 2006 RPT1

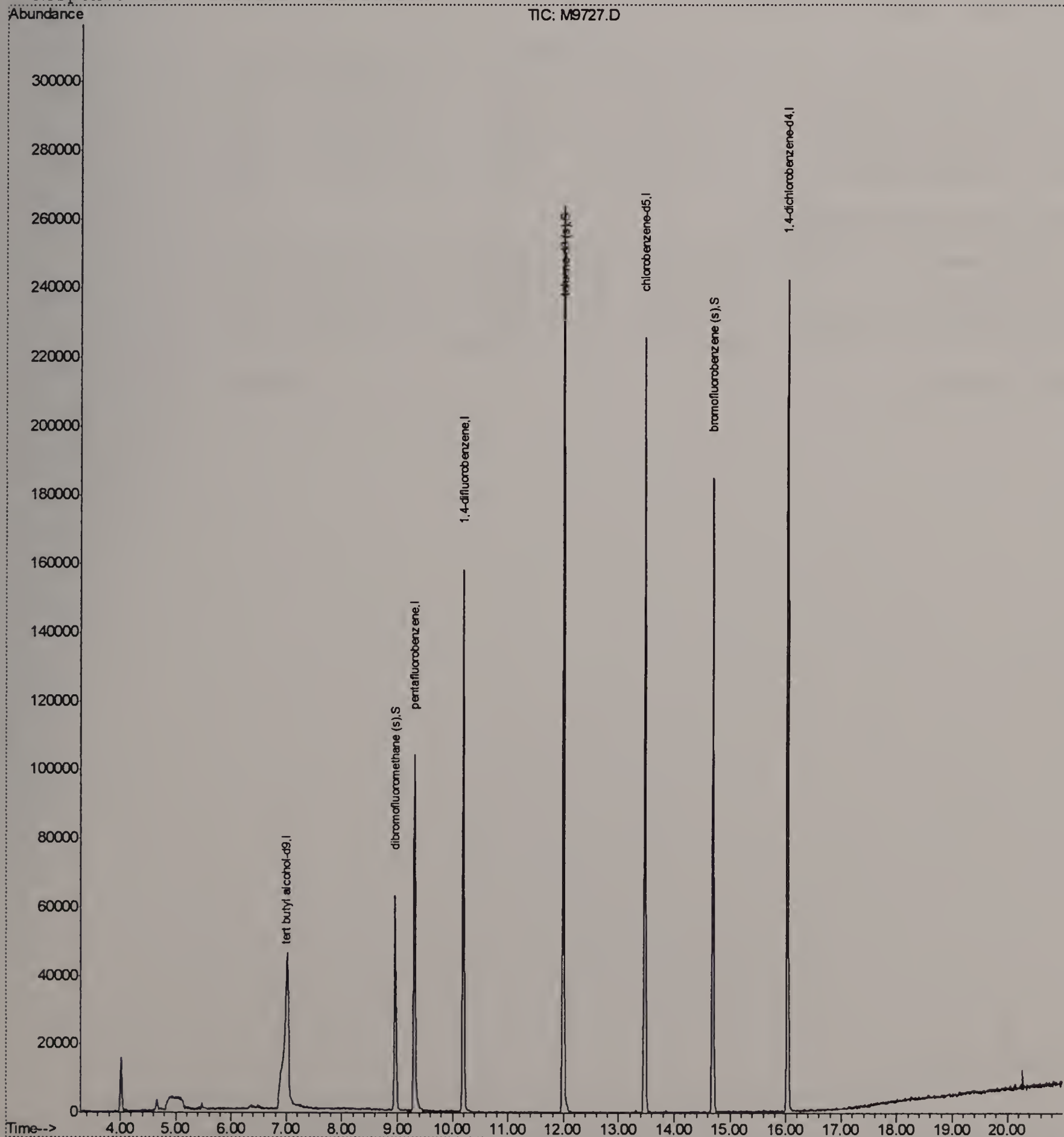
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9727.D
 Acq On : 10 May 2006 11:23 pm
 Sample : M56182-5
 Misc : ms11364msm317,8.170,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 11 13:01 2006

Vial: 24
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506S.RES

Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Tue May 09 10:07:59 2006
 Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9845.D Vial: 7
 Acq On : 15 May 2006 2:45 pm Operator: sandrac
 Sample : M56182-7 Inst : MSM
 Misc : ms11416,msm321,13.150,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 16 07:44:13 2006 Quant Results File: M051206S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051206S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Mon May 15 09:43:24 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.98	65	131973	500.00	ug/L	0.13
3) pentafluorobenzene	9.31	168	78238	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	149619	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	95752	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	77082	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	47373	50.67	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	101.34%
62) toluene-d8 (s)	12.00	98	207862	44.60	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	89.20%
84) bromofluorobenzene (s)	14.69	95	95351	43.75	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	87.50%

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9845.D M051206S.M Tue May 16 08:01:06 2006 RPT1

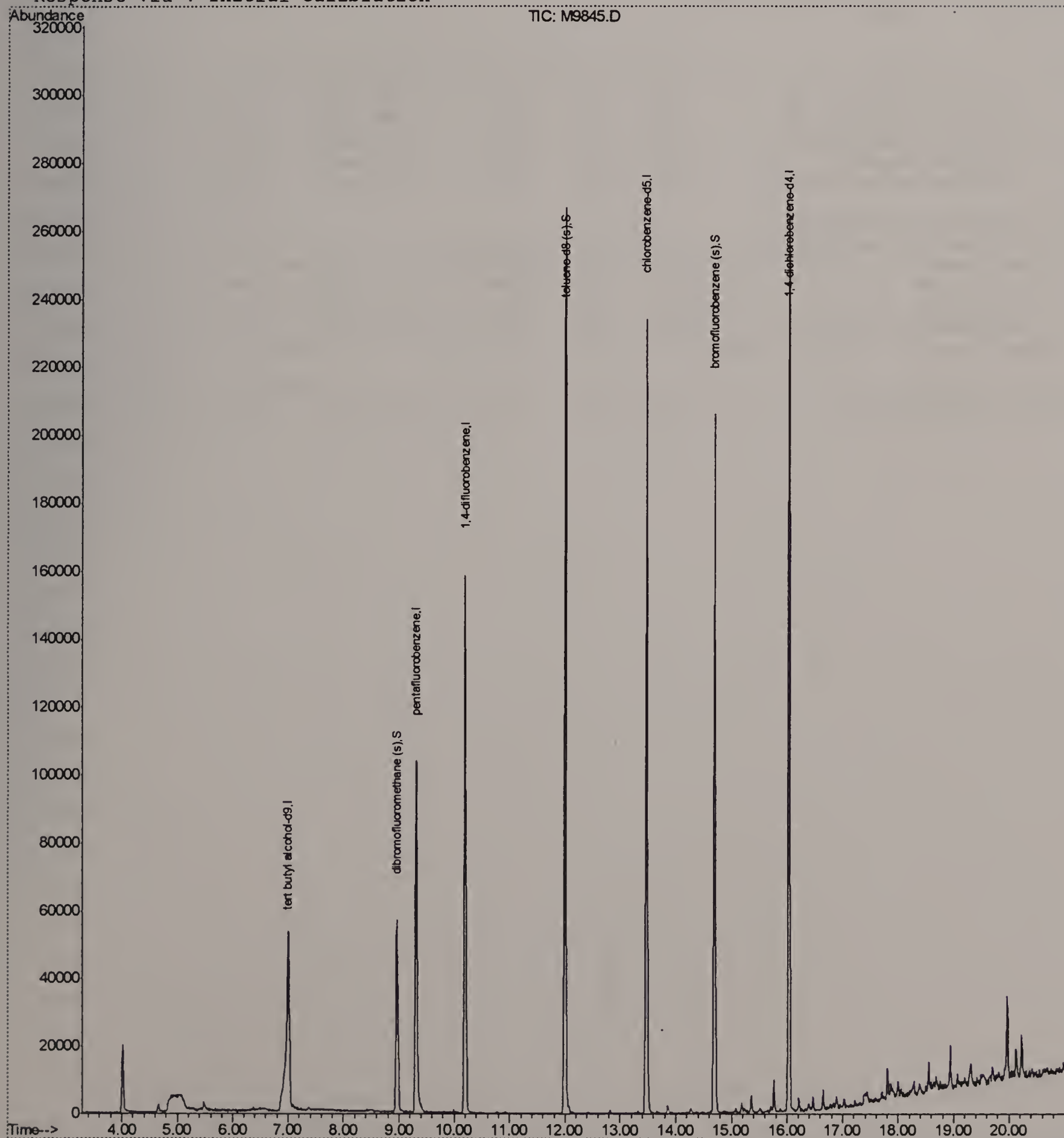
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9845.D
Acq On : 15 May 2006 2:45 pm
Sample : M56182-7
Misc : ms11416,msm321,13.150,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 16 8:01 2006

Vial: 7
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: M051206S.RES

Method : C:\MSDCHEM\1\METHODS\M051206S.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue May 16 07:53:26 2006
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9768.D Vial: 21
 Acq On : 11 May 2006 8:15 pm Operator: sandrac
 Sample : M56182-13 Inst : MSM
 Misc : ms11393,msm319,14.720,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 12 11:22:29 2006 Quant Results File: M051006S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 12 11:22:26 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.97	65	133928	500.00	ug/L	0.10
3) pentafluorobenzene	9.31	168	64391	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	123449	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	79128	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	62156	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	42124	48.65	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	97.30%
62) toluene-d8 (s)	12.00	98	179598	49.35	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	98.70%
84) bromofluorobenzene (s)	14.69	95	77366	48.56	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	97.12%

Target Compounds

69) tetrachloroethene	12.81	166	3458	3.93	ug/L	Qvalue 93
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9768.D M051006S.M Fri May 12 11:23:16 2006 RPT1

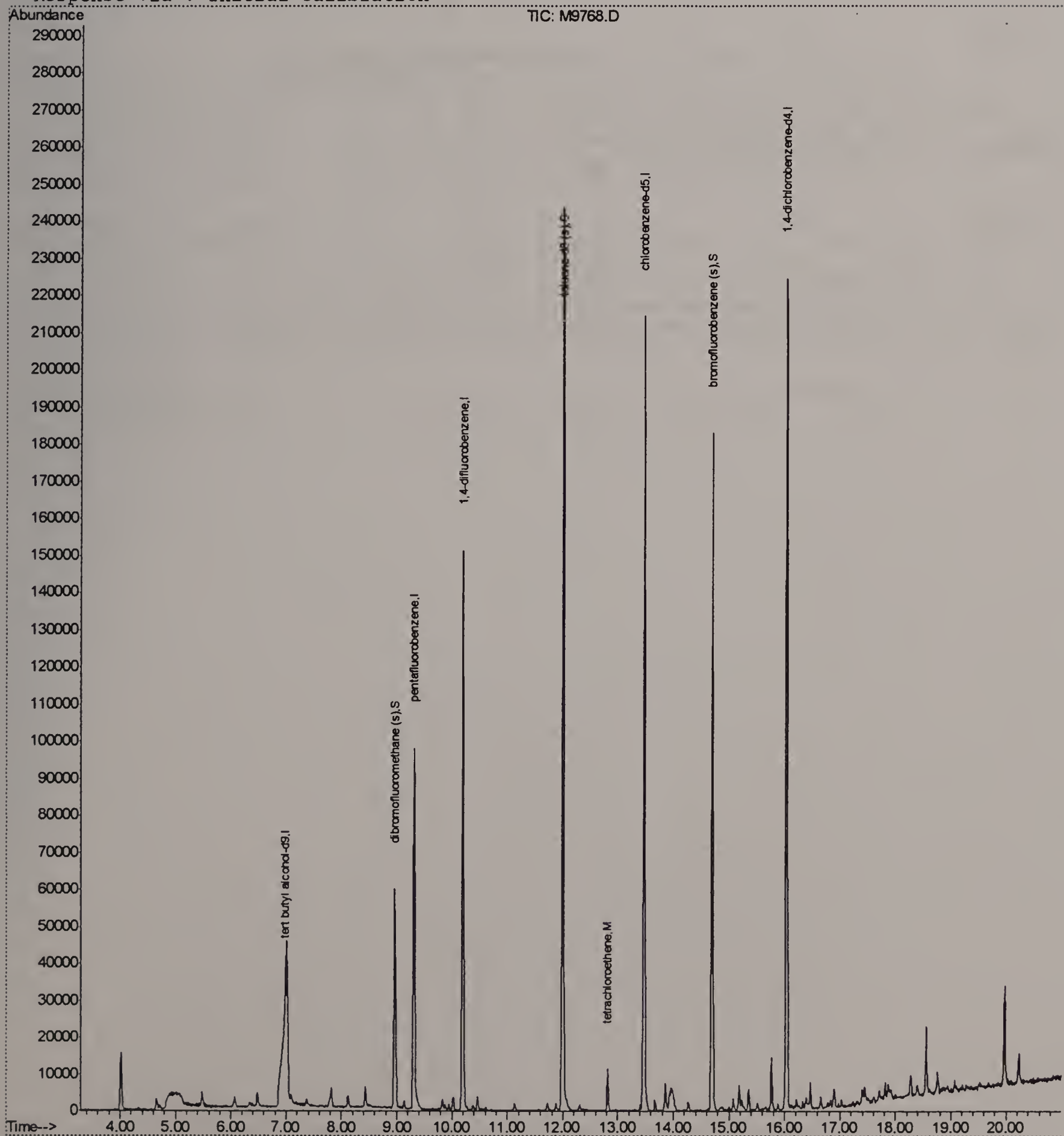
Quantitation Report (QT Reviewed)

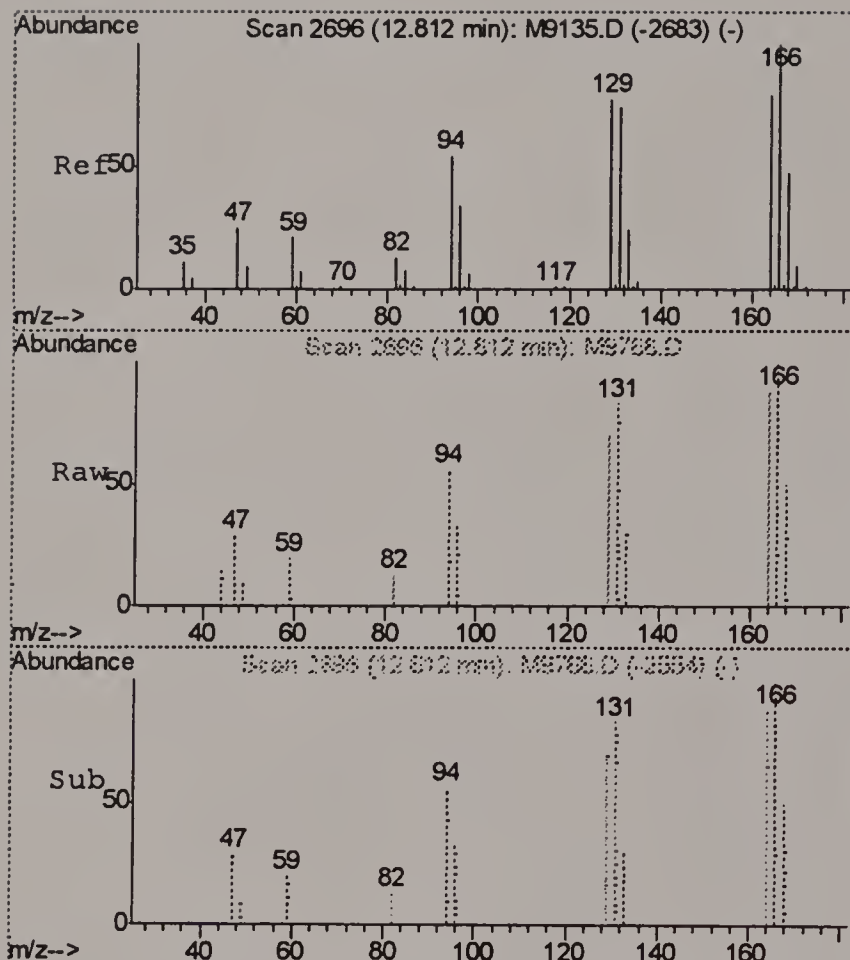
Data File : C:\MSDCHEM\1\DATA\M9768.D
 Acq On : 11 May 2006 8:15 pm
 Sample : M56182-13
 Misc : ms11393,msm319,14.720,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 12 11:23 2006

Vial: 21
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M051006S.RES

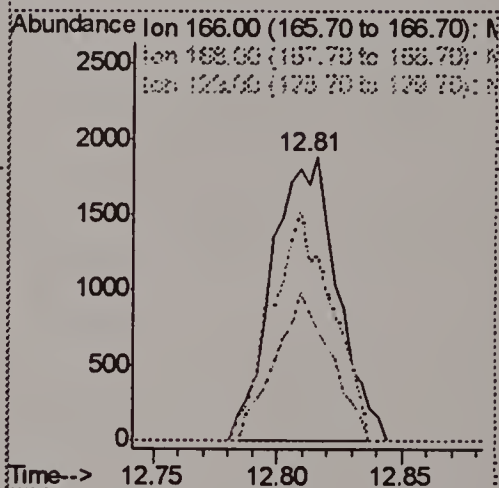
Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration





#69
 tetrachloroethene
 Concen: 3.93 ug/L
 RT: 12.81 min Scan# 2696
 Delta R.T. 0.00 min
 Lab File: M9768.D
 Acq: 11 May 2006 8:15 pm

Tgt Ion	Ratio	Lower	Upper
166	100		
168	50.4	18.2	78.2
129	69.5	47.5	107.5



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9769.D Vial: 22
 Acq On : 11 May 2006 8:43 pm Operator: sandrac
 Sample : M56182-15 Inst : MSM
 Misc : ms11393,msm319,16.900,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 12 08:17:26 2006 Quant Results File: M051006S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.97	65	131650	500.00	ug/L	0.10
3) pentafluorobenzene	9.31	168	65146	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	124533	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	77955	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	60667	50.00	ug/L	0.00

System Monitoring Compounds						
41) dibromofluoromethane (s)	8.96	113	42871	48.94	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	97.88%
62) toluene-d8 (s)	12.00	98	186252	50.73	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	101.46%
84) bromofluorobenzene (s)	14.69	95	76235	49.03	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	98.06%

Target Compounds						Qvalue
69) tetrachloroethene	12.81	166	14200	17.58	ug/L	97
70) 1,3-dichloropropane	11.99	76	2021	Below Cal		81

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9769.D M051006S.M Fri May 12 11:23:50 2006 RPT1

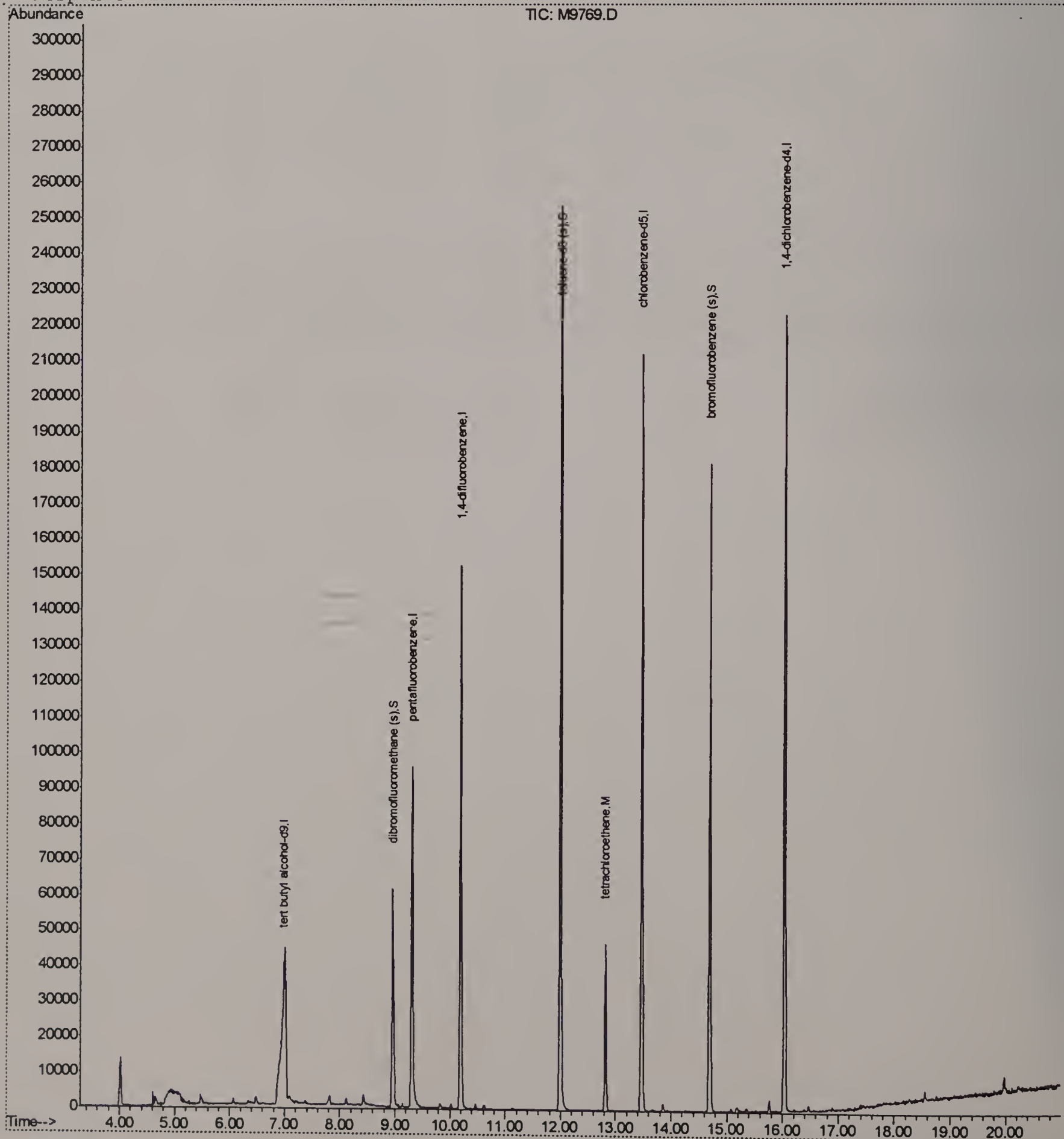
Quantitation Report (QT Reviewed)

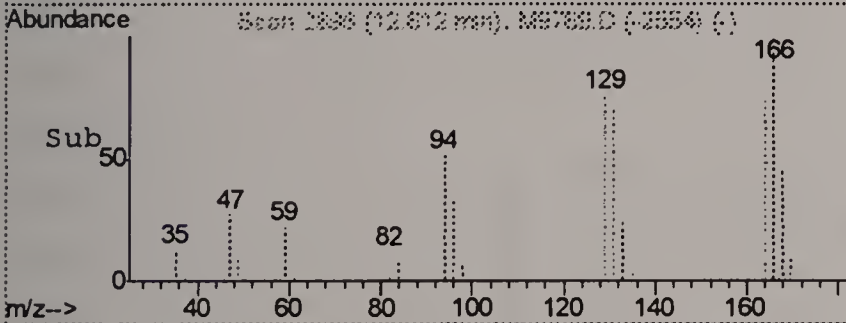
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 Acq On : 11 May 2006 8:43 pm
 Sample : M56182-15
 Misc : ms11393,msm319,16.900,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 12 11:23 2006

Vial: 22
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

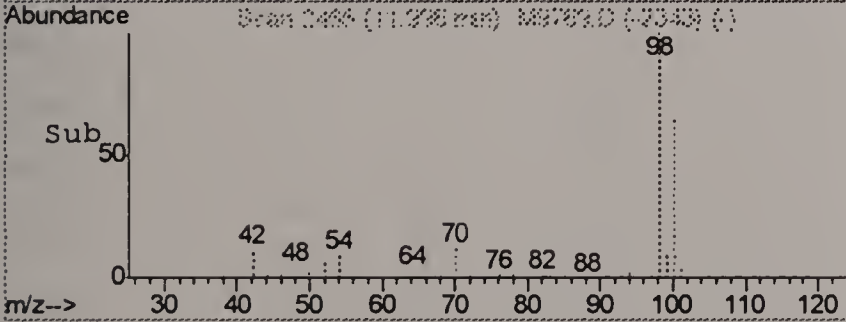
Quant Results File: M051006S.RES

Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration





Tgt	Ion:166	Resp:	14200
Ion	Ratio	Lower	Upper
166	100		
168	45.7	18.2	78.2
129	75.8	47.5	107.5



Tgt	Ion: 76	Resp:	2021
Ion	Ratio	Lower	Upper
76	100		
78	42.8	2.4	62.4



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9770.D Vial: 23
 Acq On : 11 May 2006 9:11 pm Operator: sandrac
 Sample : M56182-18 Inst : MSM
 Misc : ms11393,msm319,13.860,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 12 11:24:25 2006 Quant Results File: M051006S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.96	65	130275	500.00	ug/L	0.09
3) pentafluorobenzene	9.31	168	64186	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	121520	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	77753	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	59538	50.00	ug/L	0.00

System Monitoring Compounds						
41) dibromofluoromethane (s)	8.96	113	41138	47.66	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	95.32%
62) toluene-d8 (s)	12.00	98	173193	48.35	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	96.70%
84) bromofluorobenzene (s)	14.69	95	72546	47.54	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	95.08%

Target Compounds						Qvalue
69) tetrachloroethene	12.81	166	1117	1.04	ug/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9770.D M051006S.M Fri May 12 11:25:21 2006 RPT1

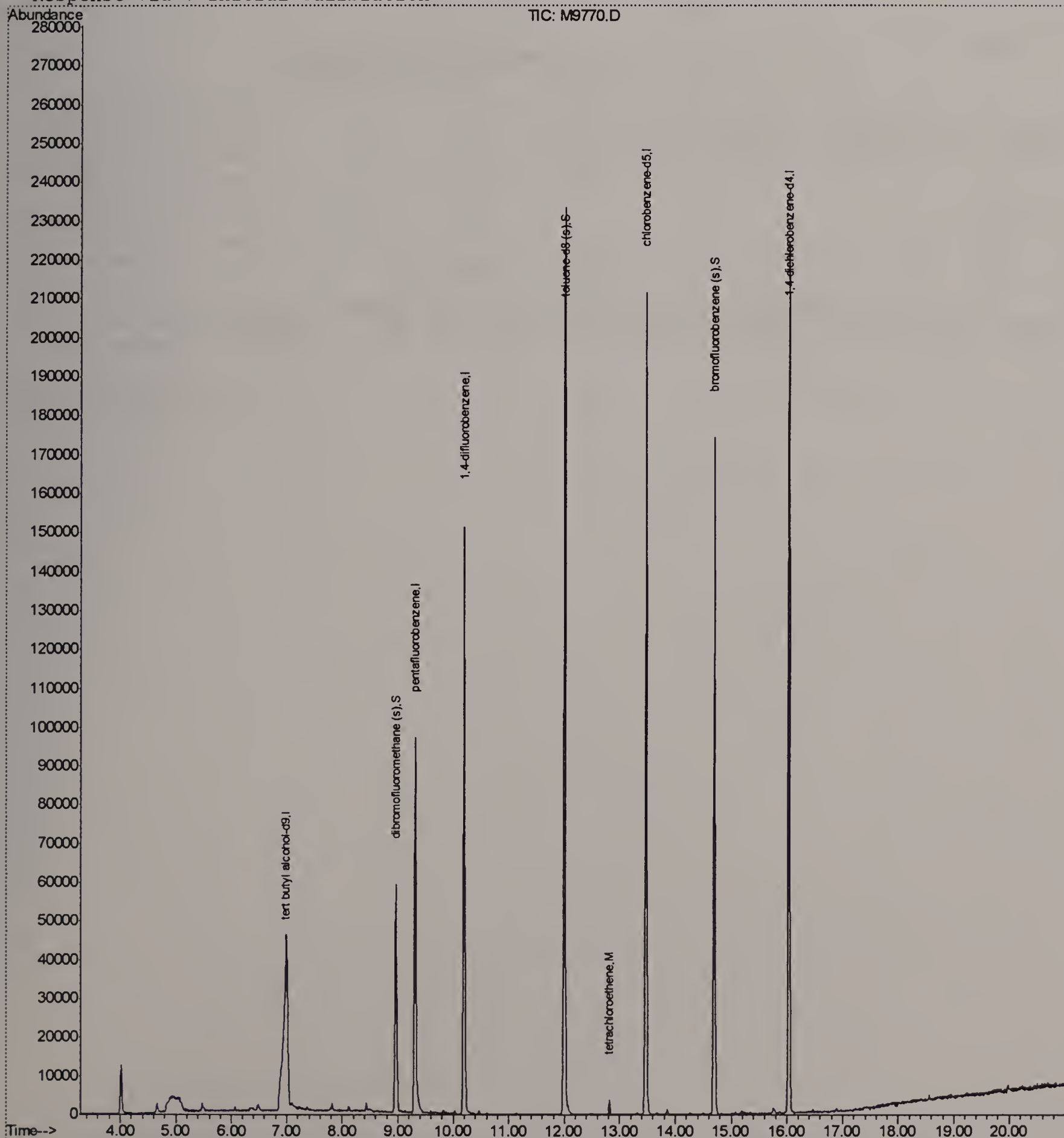
Quantitation Report (QT Reviewed)

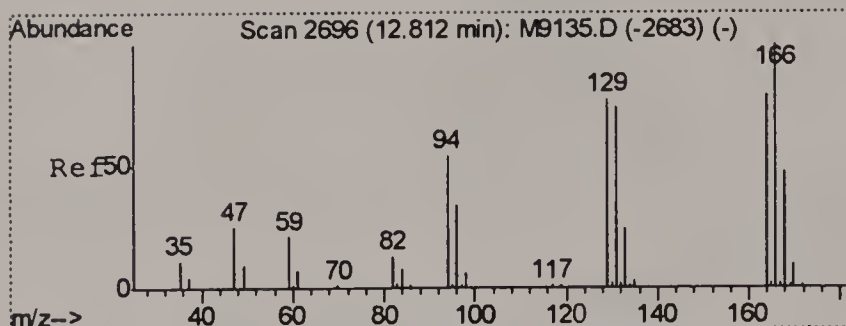
Data File : C:\MSDCHEM\1\DATA\M9770.D
 Acq On : 11 May 2006 9:11 pm
 Sample : M56182-18
 Misc : ms11393,msm319,13.860,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 12 11:25 2006

Vial: 23
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M051006S.RES

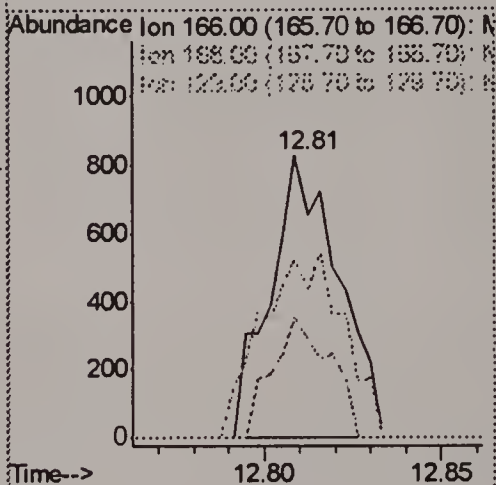
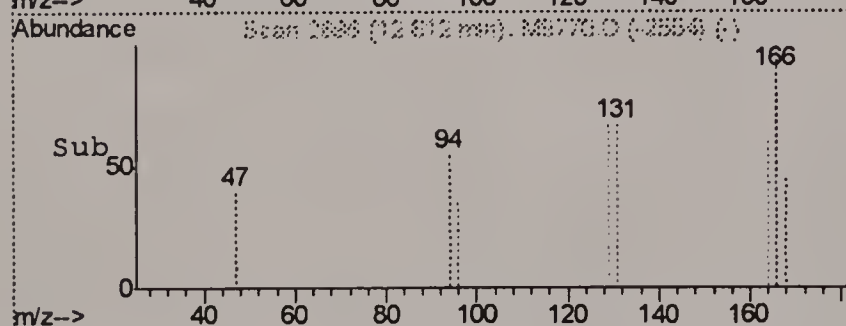
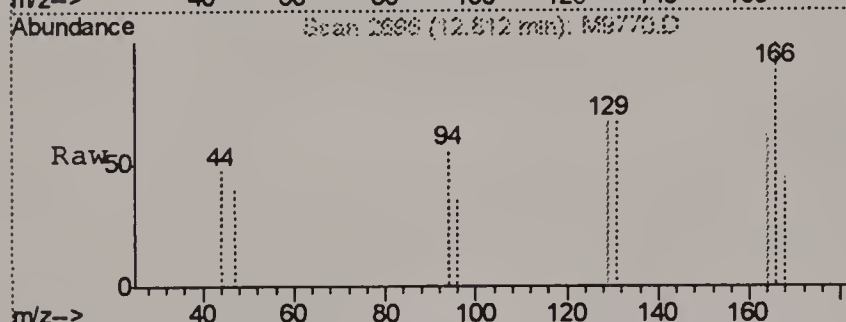
Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration





#69
tetrachloroethene
Concen: 1.04 ug/L
RT: 12.81 min Scan# 2696
Delta R.T. 0.00 min
Lab File: M9770.D
Acq: 11 May 2006 9:11 pm

Tgt Ion: 166 Resp: 1117
Ion Ratio Lower Upper
166 100
168 44.1 18.2 78.2
129 66.9 47.5 107.5



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9771.D Vial: 24
 Acq On : 11 May 2006 9:39 pm Operator: sandrac
 Sample : M56182-19 Inst : MSM
 Misc : ms11393,msm319,16.050,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 12 08:17:38 2006 Quant Results File: M051006S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.96	65	133936	500.00	ug/L	0.09
3) pentafluorobenzene	9.31	168	61909	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	119153	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	75501	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	57323	50.00	ug/L	0.00

System Monitoring Compounds						
41) dibromofluoromethane (s)	8.96	113	39367	47.29	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	94.58%
62) toluene-d8 (s)	12.00	98	166059	47.28	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	94.56%
84) bromofluorobenzene (s)	14.69	95	69019	46.98	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	93.96%

Target Compounds						Qvalue
69) tetrachloroethene	12.81	166	1434	1.50	ug/L	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9771.D M051006S.M Fri May 12 11:25:53 2006 RPT1

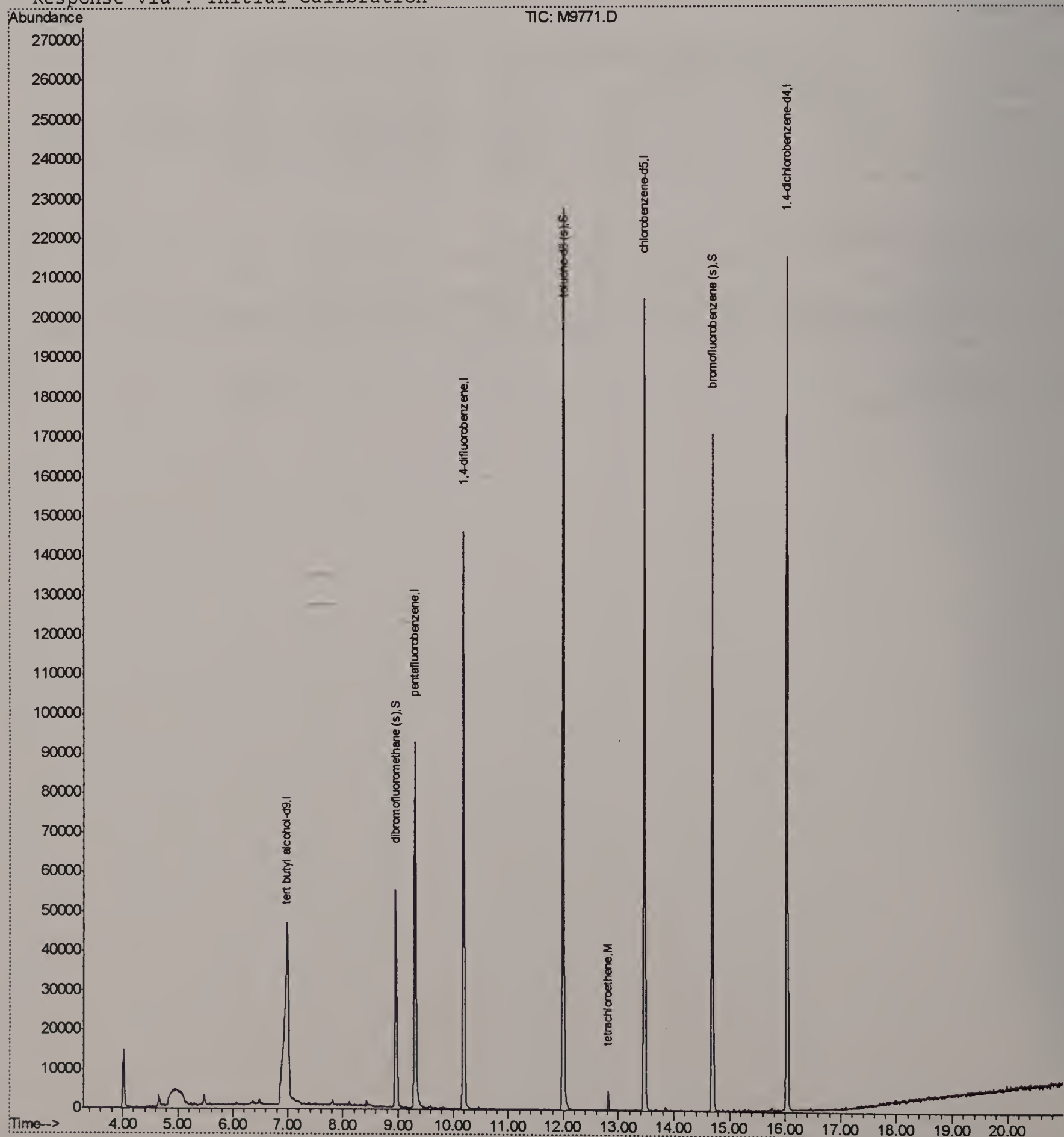
Quantitation Report (QT Reviewed)

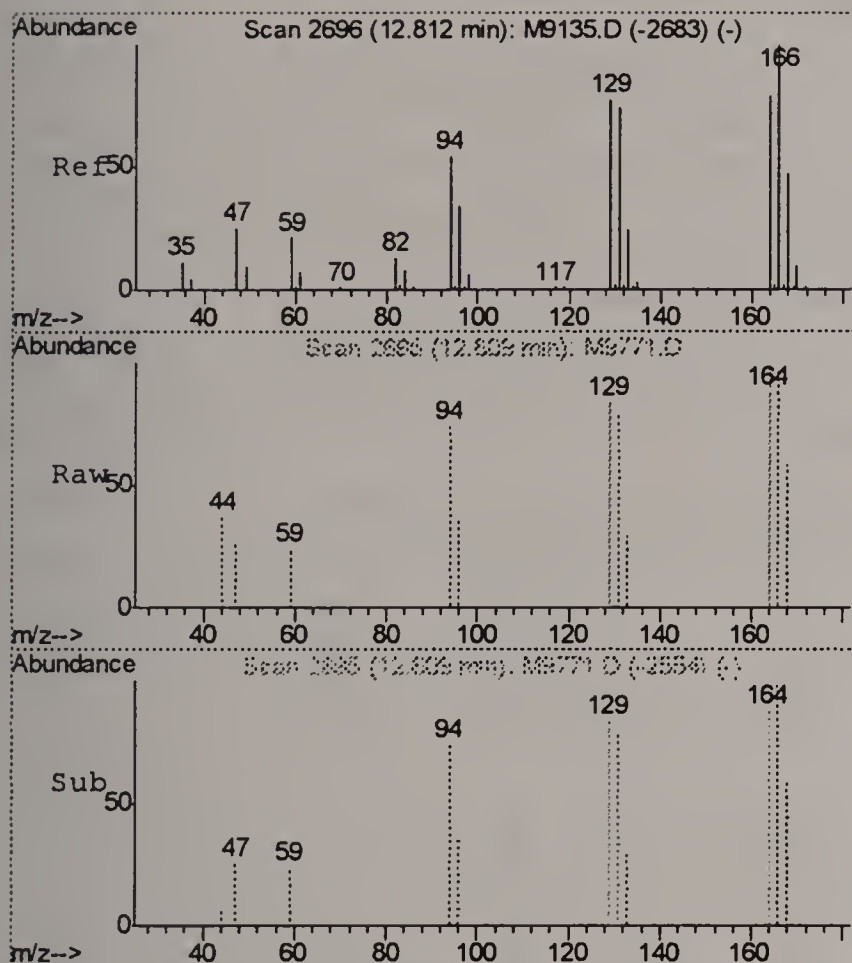
Data File : C:\MSDCHEM\1\DATA\M9771.D
 Acq On : 11 May 2006 9:39 pm
 Sample : M56182-19
 Misc : ms11393,msm319,16.050,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 12 11:25 2006

Vial: 24
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M051006S.RES

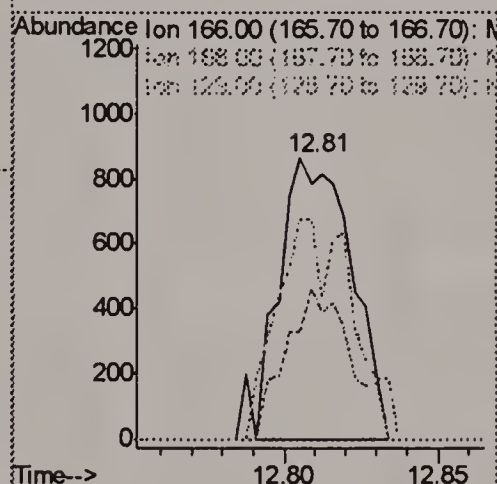
Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration





#69
 tetrachloroethene
 Concen: 1.50 ug/L
 RT: 12.81 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: M9771.D
 Acq: 11 May 2006 9:39 pm

Tgt Ion:166 Resp: 1434
 Ion Ratio Lower Upper
 166 100
 168 59.2 18.2 78.2
 129 86.0 47.5 107.5



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9772.D Vial: 25
 Acq On : 11 May 2006 10:09 pm Operator: sandrac
 Sample : M56182-20 Inst : MSM
 Misc : ms11393,msm319,13.760,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 12 08:17:43 2006 Quant Results File: M051006S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.96	65	130314	500.00	ug/L	0.09
3) pentafluorobenzene	9.31	168	60207	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	115057	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	72819	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	55832	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	39962	49.36	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	98.72%
62) toluene-d8 (s)	12.00	98	168274	49.61	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	99.22%
84) bromofluorobenzene (s)	14.69	95	70016	48.93	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	97.86%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) tetrachloroethene	12.81	166	1230	1.29	ug/L	78

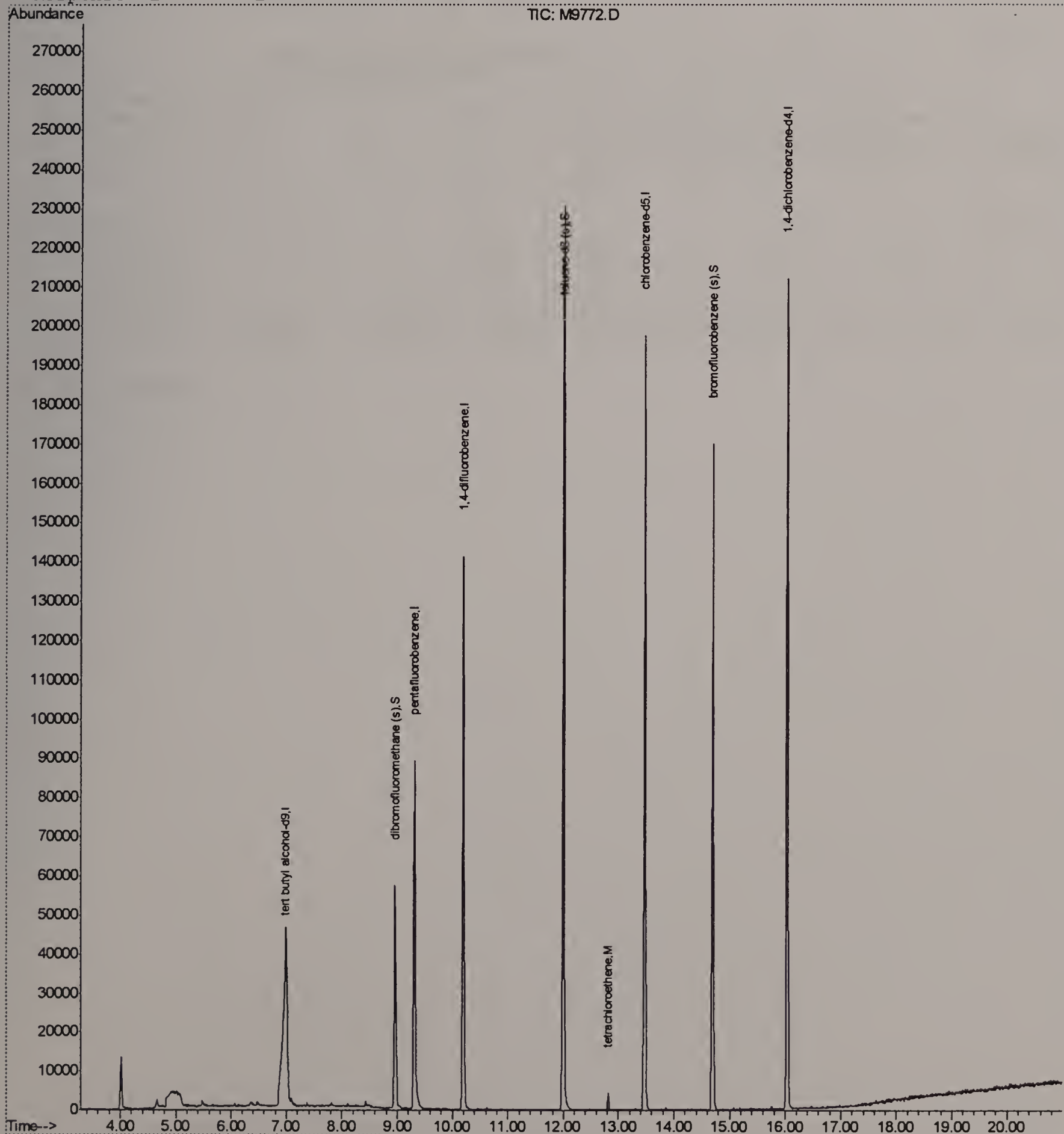
Quantitation Report (QT Reviewed)

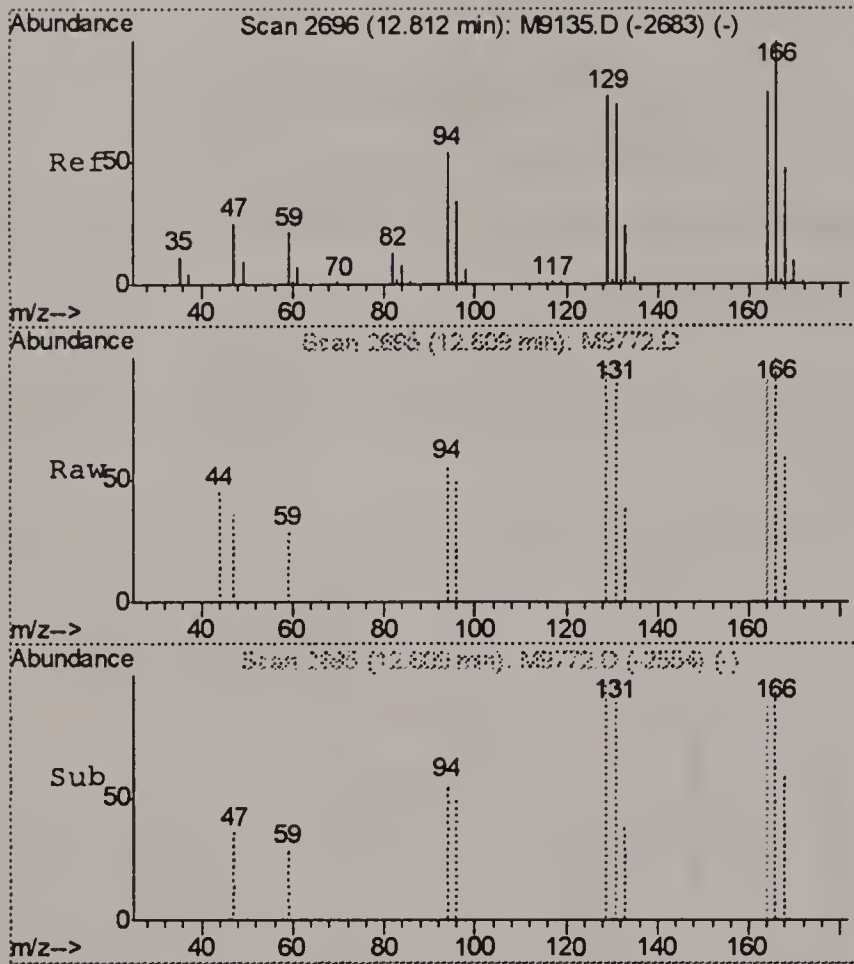
Data File : C:\MSDCHEM\1\DATA\M9772.D
 Acq On : 11 May 2006 10:09 pm
 Sample : M56182-20
 Misc : ms11393,msm319,13.760,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 12 11:26 2006

Vial: 25
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M051006S.RES

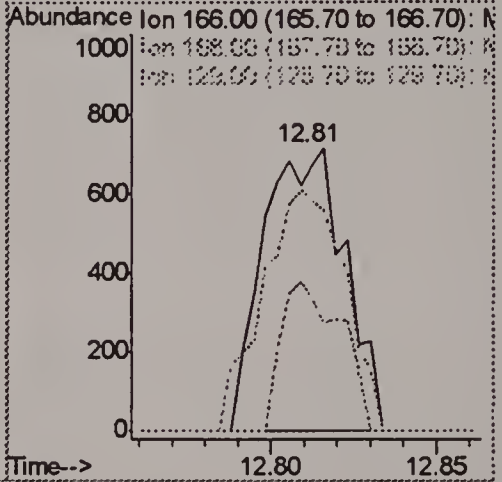
Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration





#69
 tetrachloroethene
 Concen: 1.29 ug/L
 RT: 12.81 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: M9772.D
 Acq: 11 May 2006 10:09 pm

Tgt Ion:	166	Resp:	1230
Ion Ratio	Lower	Upper	
166	100		
168	60.5	18.2	78.2
129	98.2	47.5	107.5



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9773.D Vial: 26
 Acq On : 11 May 2006 10:36 pm Operator: sandrac
 Sample : M56182-27 Inst : MSM
 Misc : ms11393,msm319,15.190,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 12 08:17:48 2006 Quant Results File: M051006S.RES

Quant Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.97	65	129208	500.00	ug/L	0.10
3) pentafluorobenzene	9.31	168	59695	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	115191	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	73839	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	56581	50.00	ug/L	0.00

System Monitoring Compounds						
41) dibromofluoromethane (s)	8.96	113	39509	49.22	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	98.44%
62) toluene-d8 (s)	12.00	98	162801	47.94	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	95.88%
84) bromofluorobenzene (s)	14.69	95	66926	46.15	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	92.30%

Target Compounds Qvalue

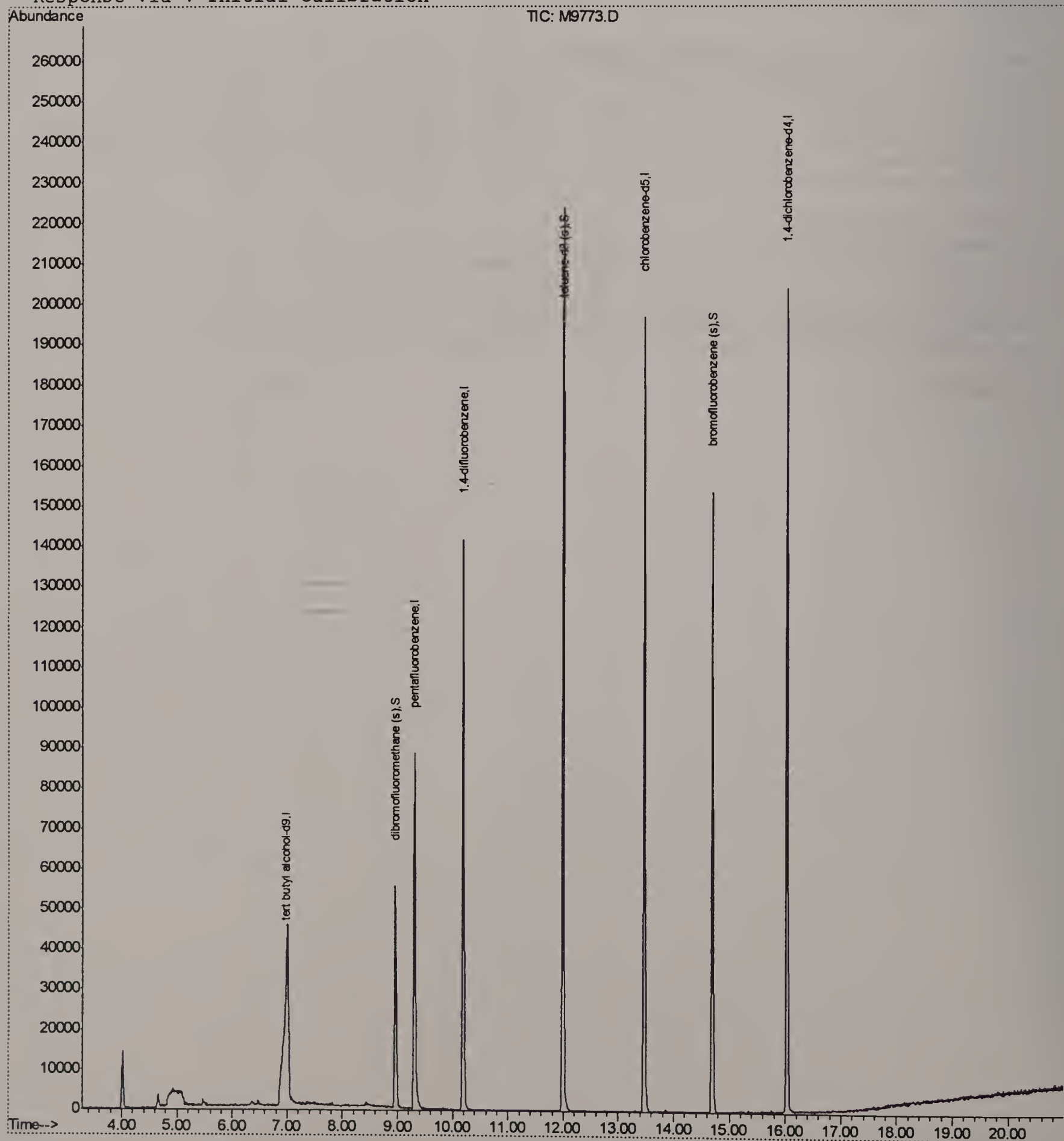
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9773.D
 Acq On : 11 May 2006 10:36 pm
 Sample : M56182-27
 Misc : ms11393,msm319,15.190,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 12 11:27 2006

Vial: 26
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M051006S.RES

Method : C:\MSDCHEM\1\METHODS\M051006S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Thu May 11 13:27:05 2006
 Response via : Initial Calibration



Initial Calibration Data

$\mathcal{L}6^{\circ}\beta$

(Test)

Initial Calibration Summary

Page 1 of 7

Job Number: M56182
 Account: GEI GEI Consultants, Inc.
 Project: Tufts Street Somerville MA

Sample: MSM310-ICC310
 Lab FileID: M9525.D

Response Factor Report MSM

Method : C:\MSDCHEM\1\METHODS\M050506S.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Mon May 08 11:45:34 2006
 Response via : Initial Calibration

Calibration Files

300 =M9523.D 5 =M9520.D 50 =M9526.D 100 =M9525.D
 200 =M9524.D 1 =M9518.D 0.5 =M9517.D 400 =M9522.D
 = = = =

Compound

	300	5	50	100	200	1	0.5	400	Avg	%RSD
1) I tert butyl alcohol-d9 -----ISTD-----										
2) tertiary butyl alcohol	1.379	0.886	1.341	1.365	1.471	1.213	1.422		1.297	15.27
----- Linear regression ----- Coefficient = 0.9990										
Response Ratio = -0.03816 + 1.41964 *A										
3) I pentafluorobenzene -----ISTD-----										
4) Ethanol	0.013	0.010	0.010	0.011	0.012	0.014	0.013		0.012	13.31
5) Chlorodifluoromethane									0.000	-1.00
6) dichlorodifluoromethane	0.681	0.522	0.621	0.642	0.704	0.664	0.721		0.651	10.20
7) chloromethane	1.041	0.642	0.796	0.876	1.008	1.007	1.103		0.925	17.53
----- Linear regression ----- Coefficient = 0.9966										
Response Ratio = -0.20894 + 1.09837 *A										
8) vinyl chloride	0.797	0.604	0.762	0.776	0.823	0.999	0.822		0.798	14.57
9) bromomethane	0.444	0.272	0.432	0.435	0.462	0.429	0.416		0.413	15.40
----- Linear regression ----- Coefficient = 0.9967										
Response Ratio = 0.02130 + 0.42761 *A										
10) chloroethane	0.382	0.288	0.366	0.376	0.396	0.391	0.390		0.370	10.11
11) ethyl ether	0.644	0.461	0.579	0.594	0.646	0.541	0.640		0.586	11.57
12) acetonitrile									0.000	-1.00
13) trichlorofluoromethane	0.957	0.705	0.853	0.895	0.960	0.967	1.013		0.907	11.38
14) freon-113	0.509	0.376	0.474	0.479	0.514	0.517	0.529		0.486	10.77
15) acrolein	0.178	0.118	0.150	0.161	0.176	0.160	0.181		0.161	13.70
16) 1,1-dichloroethene	0.547	0.415	0.508	0.509	0.557	0.622	0.558		0.531	12.01
17) acetone	0.351	0.349	0.251	0.270	0.319		0.403		0.324	17.34
----- Quadratic regression ----- Coefficient = 0.9997										
Response Ratio = 0.01498 + 0.21719 *A + 0.02278 *A^2										

Initial Calibration Summary

Job Number: M56182
 Account: GEI GEI Consultants, Inc.
 Project: Tufts Street Somerville MA

Sample: MSM310-ICC310
 Lab FileID: M9525.D

18)	Methyl Acetate	1.253	0.975	1.031	1.096	1.206	1.413	1.271	1.178	12.95
19)	methylene chloride	0.749	0.579	0.636	0.660	0.727		0.792	0.691	11.46
20)	methyl tert butyl ether	2.281	1.367	2.082	2.216	2.350	1.899	2.238	2.062	16.51
	----- Linear regression -----	Coefficient = 0.9993								
	Response Ratio =	-0.03847 + 2.27018 *A								
21)	acrylonitrile	0.353	0.253	0.301	0.323	0.348	0.331	0.352	0.323	11.21
22)	allyl chloride	0.828	0.602	0.653	0.639	0.716		0.793	0.705	12.76
23)	trans-1,2-dichloroethene	0.731	0.495	0.668	0.693	0.746	0.904	0.732	0.710	17.09
	----- Linear regression -----	Coefficient = 0.9997								
	Response Ratio =	-0.03225 + 0.73732 *A								
24)	iodomethane	0.206	0.195	0.308	0.263	0.253	0.233		0.243	16.99
	----- Quadratic regression -----	Coefficient = 0.9980								
	Response Ratio =	-0.01018 + 0.32618 *A + -0.01951 *A^2								
25)	carbon disulfide	1.829	1.254	1.774	1.800	1.816		1.763	1.706	13.07
26)	propionitrile	0.173	0.072	0.136	0.144	0.168		0.168	0.143	26.57
	----- Linear regression -----	Coefficient = 0.9983								
	Response Ratio =	-0.02896 + 0.17329 *A								
27)	vinyl acetate	1.561	0.959	1.195	1.405	1.496	1.311	1.608	1.362	16.74
	----- Linear regression -----	Coefficient = 0.9984								
	Response Ratio =	-0.23963 + 1.61057 *A								
28)	chloroprene	1.058	0.601	0.968	1.032	1.103		1.035	0.966	19.05
	----- Linear regression -----	Coefficient = 0.9986								
	Response Ratio =	-0.01069 + 1.05181 *A								
29)	di-isopropyl ether	3.059	1.852	2.760	2.843	3.048	2.397	3.095	2.722	16.68
	----- Linear regression -----	Coefficient = 0.9997								
	Response Ratio =	-0.23740 + 3.10818 *A								
30)	methacrylonitrile	0.680	0.382	0.548	0.603	0.663		0.682	0.593	19.56
	----- Linear regression -----	Coefficient = 0.9994								
	Response Ratio =	-0.11495 + 0.69554 *A								
31)	2-butanone	0.134	0.032	0.114	0.124	0.131		0.127	0.111	35.19
	----- Linear regression -----	Coefficient = 0.9985								
	Response Ratio =	-0.00929 + 0.13122 *A								
32)	Hexane								0.000	-1.00
33)	1,1-dichloroethane	1.457	1.019	1.352	1.385	1.468	1.426	1.473	1.369	11.73

Initial Calibration Summary

Job Number: M56182
 Account: GEI GEI Consultants, Inc.
 Project: Tufts Street Somerville MA

Sample: MSM310-ICC310
 Lab FileID: M9525.D

34)	tert-butyl ethyl ether	2.362 1.164 1.948 2.095 2.324 1.464	2.394	1.964	24.41
	----- Linear regression -----		Coefficient = 0.9992		
			Response Ratio = -0.29324 + 2.41237 *A		
35)	isobutyl alcohol			0.000	-1.00
36)	2,2-dichloropropane	0.944 0.728 0.941 0.972 0.971 0.938	0.810	0.901	10.45
37)	cis-1,2-dichloroethene	0.843 0.565 0.772 0.795 0.847 0.951	0.850	0.803	14.85
38)	ethyl acetate	0.109 0.305 0.096 0.094 0.105	0.107	0.136	60.81
	----- Linear regression -----		Coefficient = 0.9976		
			Response Ratio = -0.00431 + 0.10788 *A		
39)	bromochloromethane	0.313 0.202 0.276 0.285 0.310	0.318	0.284	15.23
	----- Linear regression -----		Coefficient = 0.9996		
			Response Ratio = -0.04189 + 0.32109 *A		
40)	chloroform	1.425 1.025 1.291 1.334 1.426 1.437	1.454	1.342	11.32
41)	dibromofluoromethane (s)	0.672 0.809 0.726 0.694 0.669 0.729 0.957 0.674		0.741	13.32
42)	Tetrahydrofuran	0.333 0.177 0.260 0.286 0.326	0.330	0.285	21.16
	----- Linear regression -----		Coefficient = 0.9990		
			Response Ratio = -0.05752 + 0.33813 *A		
43)	1,1,1-trichloroethane	1.179 0.755 1.064 1.115 1.182 0.978	1.192	1.066	14.77
44)	I 1,4-difluorobenzene	-----ISTD-----			
45)	Cyclohexane	0.742 0.408 0.684 0.726 0.770	0.772	0.684	20.36
	----- Linear regression -----		Coefficient = 0.9992		
			Response Ratio = -0.06977 + 0.77289 *A		
46)	carbon tetrachloride	0.441 0.246 0.413 0.445 0.459 0.292	0.447	0.392	21.92
	----- Linear regression -----		Coefficient = 0.9996		
			Response Ratio = -0.01108 + 0.44824 *A		
47)	1,1-dichloropropene	0.589 0.338 0.531 0.569 0.607 0.493	0.597	0.532	17.78
	----- Linear regression -----		Coefficient = 0.9996		
			Response Ratio = -0.03126 + 0.60001 *A		
48)	benzene	1.801 1.171 1.668 1.732 1.854 1.709 2.441 1.855		1.779	19.45
	----- Linear regression -----		Coefficient = 0.9995		
			Response Ratio = -0.08472 + 1.84794 *A		
49)	1,2-dichloroethane	0.517 0.441 0.553 0.542 0.546 0.568	0.533	0.529	7.93
50)	tert-amyl methyl ether	1.014 0.466 0.782 0.879 1.013 0.597	1.049	0.828	27.28
	----- Linear regression -----		Coefficient = 0.9984		
			Response Ratio = -0.16323 + 1.05423 *A		

Initial Calibration Summary

Job Number: M56182
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 Project: Tufts Street Somerville MA

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51)	heptane	0.530 0.285 0.447 0.489 0.532 0.440	0.550	0.468	19.53
	----- Linear regression -----	Coefficient = 0.9990			
		Response Ratio = -0.06331 + 0.55005 *A			
52)	trichloroethene	0.444 0.273 0.416 0.434 0.454 0.363 0.432 0.453		0.409	15.18
	----- Linear regression -----	Coefficient = 0.9998			
		Response Ratio = -0.01643 + 0.45234 *A			
53)	1,2-dichloropropane	0.493 0.311 0.442 0.462 0.502 0.387	0.500	0.442	16.04
	----- Linear regression -----	Coefficient = 0.9996			
		Response Ratio = -0.03461 + 0.50247 *A			
54)	dibromomethane	0.203 0.166 0.221 0.212 0.215 0.208	0.202	0.204	8.74
55)	2-Nitropropane	0.530 0.285 0.447 0.489 0.532 0.440	0.550	0.468	19.53
	----- Linear regression -----	Coefficient = 0.9990			
		Response Ratio = -0.06331 + 0.55005 *A			
56)	bromodichloromethane	0.577 0.341 0.521 0.570 0.591 0.445	0.595	0.520	18.29
	----- Linear regression -----	Coefficient = 0.9995			
		Response Ratio = -0.03585 + 0.59356 *A			
57)	Methylcyclohexane	0.686 0.350 0.625 0.665 0.713 0.494	0.703	0.605	22.27
	----- Linear regression -----	Coefficient = 0.9995			
		Response Ratio = -0.04056 + 0.70427 *A			
58)	2-chloroethyl vinyl ether			0.000	-1.00
59)	methyl methacrylate	0.400 0.174 0.315 0.355 0.397 0.161	0.403	0.315	33.45
	----- Linear regression -----	Coefficient = 0.9992			
		Response Ratio = -0.05137 + 0.40801 *A			
60)	1,4-dioxane	0.007	0.006 0.006 0.007	0.007	10.92
61)	cis-1,3-dichloropropene	0.726 0.398 0.647 0.697 0.763 0.486 0.703 0.696		0.640	20.08
	----- Linear regression -----	Coefficient = 0.9979			
		Response Ratio = -0.00026 + 0.71364 *A			
62)	toluene-d8 (s)	1.604 1.547 1.709 1.676 1.631 1.403 1.982 1.621		1.647	9.97
63)	4-methyl-2-pentanone	0.602 0.276 0.462 0.516 0.583 0.288	0.610	0.477	29.95
	----- Linear regression -----	Coefficient = 0.9986			
		Response Ratio = -0.09445 + 0.61588 *A			
64)	toluene	1.100 0.663 1.032 1.075 1.141 0.899 1.377 1.115		1.050	19.56
65)	trans-1,3-dichloropropene	0.680 0.305 0.555 0.608 0.680 0.394 0.596 0.703		0.565	25.49
	----- Linear regression -----	Coefficient = 0.9988			
		Response Ratio = -0.07280 + 0.70161 *A			

Initial Calibration Summary

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample: MSM310-ICC310
Lab FileID: M9525.D

66)	1,1,2-trichloroethane	0.378 0.222 0.327 0.347 0.381 0.293	0.386	0.334	17.85
	----- Linear regression -----		Coefficient = 0.9994		
			Response Ratio = -0.03686 + 0.38782 *A		
67)	ethyl methacrylate	0.721 0.276 0.576 0.641 0.720	0.731	0.611	28.62
	----- Linear regression -----		Coefficient = 0.9994		
			Response Ratio = -0.12952 + 0.74485 *A		
68)	I chlorobenzene-d5	-----ISTD-----			
69)	tetrachloroethene	0.523 0.341 0.524 0.543 0.555 0.467	0.532	0.498	14.92
70)	1,3-dichloropropane	1.184 0.780 1.126 1.179 1.230 1.114	1.203	1.117	13.78
71)	dibromochloromethane	0.596 0.287 0.512 0.553 0.606 0.259	0.601	0.488	30.87
	----- Linear regression -----		Coefficient = 0.9995		
			Response Ratio = -0.05032 + 0.60641 *A		
72)	1,2-dibromoethane	0.630 0.363 0.573 0.606 0.642 0.173	0.635	0.518	34.85
	----- Linear regression -----		Coefficient = 0.9998		
			Response Ratio = -0.03431 + 0.63890 *A		
73)	2-hexanone	0.667 0.271 0.519 0.589 0.657	0.672	0.563	27.50
	----- Linear regression -----		Coefficient = 0.9994		
			Response Ratio = -0.12541 + 0.68661 *A		
74)	chlorobenzene	1.770 1.208 1.733 1.802 1.859 1.963	1.800	1.733	14.02
75)	1,1,1,2-tetrachloroethane	0.557 0.300 0.507 0.538 0.576	0.567	0.507	20.61
	----- Linear regression -----		Coefficient = 0.9995		
			Response Ratio = -0.04221 + 0.57085 *A		
76)	ethylbenzene	3.314 1.796 3.199 3.360 3.465 2.561 3.663 3.376		3.092	19.86
77)	m,p-xylene	1.158 0.654 1.152 1.198 1.222 0.902 1.205 1.156		1.081	18.51
	----- Linear regression -----		Coefficient = 0.9993		
			Response Ratio = 0.03514 + 1.16362 *A		
78)	o-xylene	1.160 0.657 1.151 1.195 1.219 0.824 1.077 1.160		1.055	19.30
	----- Linear regression -----		Coefficient = 0.9994		
			Response Ratio = 0.01212 + 1.16666 *A		
79)	styrene	2.041 0.887 1.901 2.015 2.127	2.055	1.837	25.66
	----- Linear regression -----		Coefficient = 0.9994		
			Response Ratio = -0.08681 + 2.07245 *A		
80)	bromoform	0.414 0.162 0.329 0.374 0.413	0.422	0.352	28.24
	----- Linear regression -----		Coefficient = 0.9994		
			Response Ratio = -0.07509 + 0.42936 *A		

Initial Calibration Summary

Page 6 of 7

Job Number: M56182
 Account: GEI GEI Consultants, Inc.
 Project: Tufts Street Somerville MA

Sample: MSM310-ICC310
 Lab FileID: M9525.D

81)	trans-1,4-dichloro-2-butene								
	0.288 0.113 0.221 0.251 0.284					0.295		0.242	28.63
	----- Linear regression -----					Coefficient =	0.9990		
	Response Ratio = -0.06432 + 0.30087 *A								
82)	I 1,4-dichlorobenzene-d	-----ISTD-----							
83)	isopropylbenzene								
	3.752 1.853 3.501 3.703 3.837					3.701		3.391	22.45
	----- Linear regression -----					Coefficient =	0.9995		
	Response Ratio = -0.08419 + 3.74737 *A								
84)	bromofluorobenzene (s)								
	1.387 1.354 1.479 1.452 1.379 1.106					1.344		1.357	8.94
85)	bromobenzene								
	0.878 0.532 0.818 0.853 0.896 0.659					0.862		0.785	17.42
	----- Linear regression -----					Coefficient =	0.9995		
	Response Ratio = -0.01442 + 0.87283 *A								
86)	1,1,2,2-tetrachloroethane								
	1.290 0.840 1.089 1.170 1.270 1.004					1.266		1.133	14.74
87)	1,2,3-trichloropropane								
	1.635 0.902 1.318 1.453 1.602 1.119					1.613		1.377	20.42
	----- Linear regression -----					Coefficient =	0.9992		
	Response Ratio = -0.16573 + 1.63909 *A								
88)	n-propylbenzene								
	5.270 2.554 4.822 5.142 5.381 3.559					5.215		4.563	23.74
	----- Linear regression -----					Coefficient =	0.9996		
	Response Ratio = -0.15954 + 5.27496 *A								
89)	2-chlorotoluene								
	3.225 1.773 2.978 3.121 3.272 2.558					3.188		2.874	18.87
	----- Linear regression -----					Coefficient =	0.9997		
	Response Ratio = -0.09728 + 3.22329 *A								
90)	4-chlorotoluene								
	3.287 1.801 3.041 3.207 3.354 2.408					3.271		2.910	20.12
	----- Linear regression -----					Coefficient =	0.9997		
	Response Ratio = -0.10194 + 3.30034 *A								
91)	1,3,5-trimethylbenzene								
	3.372 1.569 3.043 3.251 3.457 2.084					3.339		2.874	25.82
	----- Linear regression -----					Coefficient =	0.9995		
	Response Ratio = -0.12824 + 3.38157 *A								
92)	tert-butylbenzene								
	2.113 1.043 1.939 2.034 2.150 1.471					2.105		1.836	22.88
	----- Linear regression -----					Coefficient =	0.9997		
	Response Ratio = -0.08920 + 2.12510 *A								
93)	1,2,4-trimethylbenzene								
	3.343 1.510 2.881 3.148 3.413 2.011					3.365		2.810	26.80
	----- Linear regression -----					Coefficient =	0.9996		
	Response Ratio = -0.24933 + 3.39709 *A								
94)	Pentachloroethane							0.000	-1.00
95)	sec-butylbenzene								

Initial Calibration Summary

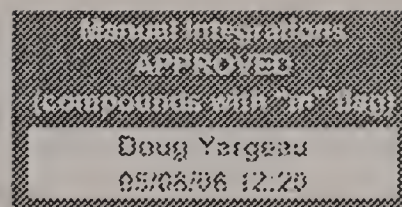
Page 7 of 7

Job Number: M56182
Account: GEI GEI Consultants, Inc.
Project: Tufts Street Somerville MA

Sample: MSM310-ICC310
Lab FileID: M9525.D

	4.363	2.162	4.008	4.289	4.486	3.054	4.323	3.812	22.92
	----- Linear regression -----						Coefficient =	0.9996	
	Response Ratio = -0.10782 + 4.37133 *A								
96)	1,3-dichlorobenzene								
	1.706	1.059	1.581	1.663	1.739	1.533	1.657	1.563	14.91
97)	p-isopropyltoluene								
	2.965	1.645	2.662	2.874	3.057	2.425	2.932	2.651	18.58
	----- Quadratic regression -----						Coefficient =	0.9996	
	Response Ratio = -0.19845 + 3.11731 *A + -0.01946 *A^2								
98)	o-Isopropyltoluene								
	3.276	1.538	2.895	3.133	3.336	2.236	3.250	2.809	24.08
	----- Linear regression -----						Coefficient =	0.9996	
	Response Ratio = -0.16261 + 3.29066 *A								
99)	1,4-dichlorobenzene								
	1.678	1.169	1.633	1.709	1.738	1.533	1.601	1.580	12.27
100)	1,2-dichlorobenzene								
	1.701	1.053	1.568	1.652	1.729	1.294	1.652	1.521	16.59
	----- Linear regression -----						Coefficient =	0.9992	
	Response Ratio = -0.01640 + 1.67847 *A								
101)	n-butylbenzene								
	3.299	1.507	2.729	3.016	3.359	2.214	3.357	2.783	25.14
	----- Linear regression -----						Coefficient =	0.9993	
	Response Ratio = -0.34622 + 3.38389 *A								
102)	1,2-dibromo-3-chloropropane								
	0.291	0.120	0.217	0.254	0.284		0.284	0.242	27.23
	----- Linear regression -----						Coefficient =	0.9989	
	Response Ratio = -0.04895 + 0.29316 *A								
103)	1,2,4-trichlorobenzene								
	1.092	0.552	0.915	1.007	1.109	0.892	1.073	0.949	20.50
	----- Linear regression -----						Coefficient =	0.9992	
	Response Ratio = -0.07081 + 1.09241 *A								
104)	hexachlorobutadiene								
	0.427	0.230	0.397	0.415	0.431	0.266	0.401	0.367	22.53
	----- Linear regression -----						Coefficient =	0.9978	
	Response Ratio = 0.00715 + 0.41188 *A								
105)	naphthalene								
	3.085	1.701	2.825	2.998	3.187	2.638	2.965	2.771	18.20
	----- Linear regression -----						Coefficient =	0.9984	
	Response Ratio = 0.00887 + 3.02840 *A								
106)	1,2,3-trichlorobenzene								
	1.088	0.599	0.940	1.014	1.105	0.864	1.061	0.953	18.69
	----- Linear regression -----						Coefficient =	0.9991	
	Response Ratio = -0.04969 + 1.08069 *A								
107)	2-Methylnaphthalene								
								0.000	-1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9517.D
Acq On : 5 May 2006 8:50 am
Sample : IC310-0.5,0.5 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 05 12:16:00 2006

Vial: 3
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) tert butyl alcohol-d9	6.85	65	41402	500.00	ug/L	0.00
3) pentafluorobenzene	9.32	168	56653	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	110822	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	68612	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	47676	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	542m	0.81	ug/L	0.00
Spiked Amount	50.000	Range 86 - 118	Recovery	=	1.62%#	
62) toluene-d8 (s)	12.00	98	2196	0.69	ug/L	0.00
Spiked Amount	50.000	Range 88 - 110	Recovery	=	1.38%#	
84) bromofluorobenzene (s)	14.69	95	903m	0.65	ug/L	0.00
Spiked Amount	50.000	Range 86 - 115	Recovery	=	1.30%#	

Target Compounds

						Qvalue
48) benzene	10.00	78	2705	0.80	ug/L	98
52) trichloroethene	10.62	95	479m	0.54	ug/L	
61) cis-1,3-dichloropropene	11.29	75	779m	0.57	ug/L	
64) toluene	12.07	92	1526	0.69	ug/L	92
65) trans-1,3-dichloropropene	11.71	75	661m	0.61	ug/L	
69) tetrachloroethene	12.81	166	426m	0.65	ug/L	
76) ethylbenzene	13.67	91	2513	0.60	ug/L	92
77) m,p-xylene	13.86	106	1654	1.11	ug/L #	79
78) o-xylene	14.27	106	739m	0.51	ug/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
M9517.D M050506.M Fri May 05 12:19:17 2006 RPT1

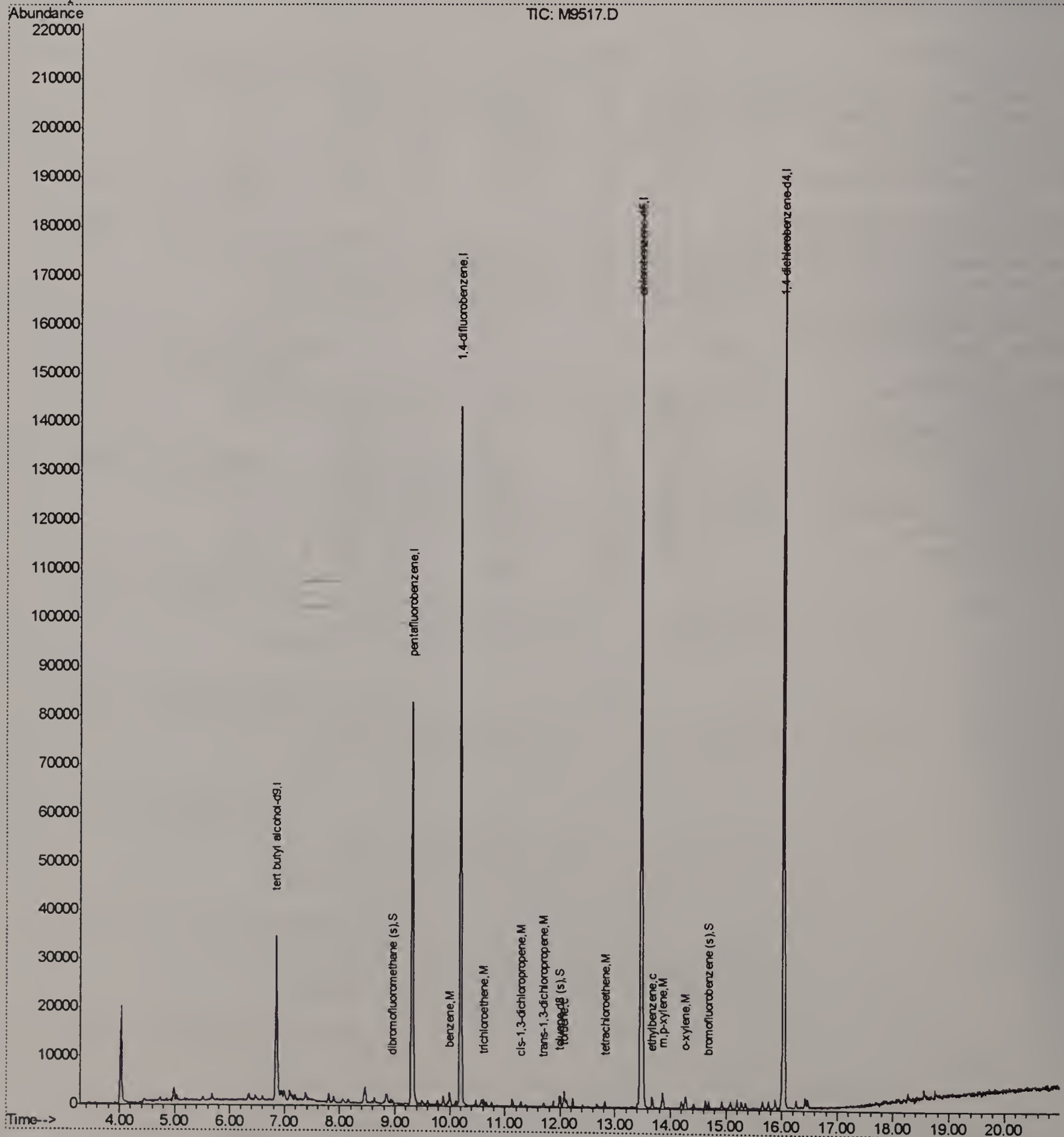
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506.RES

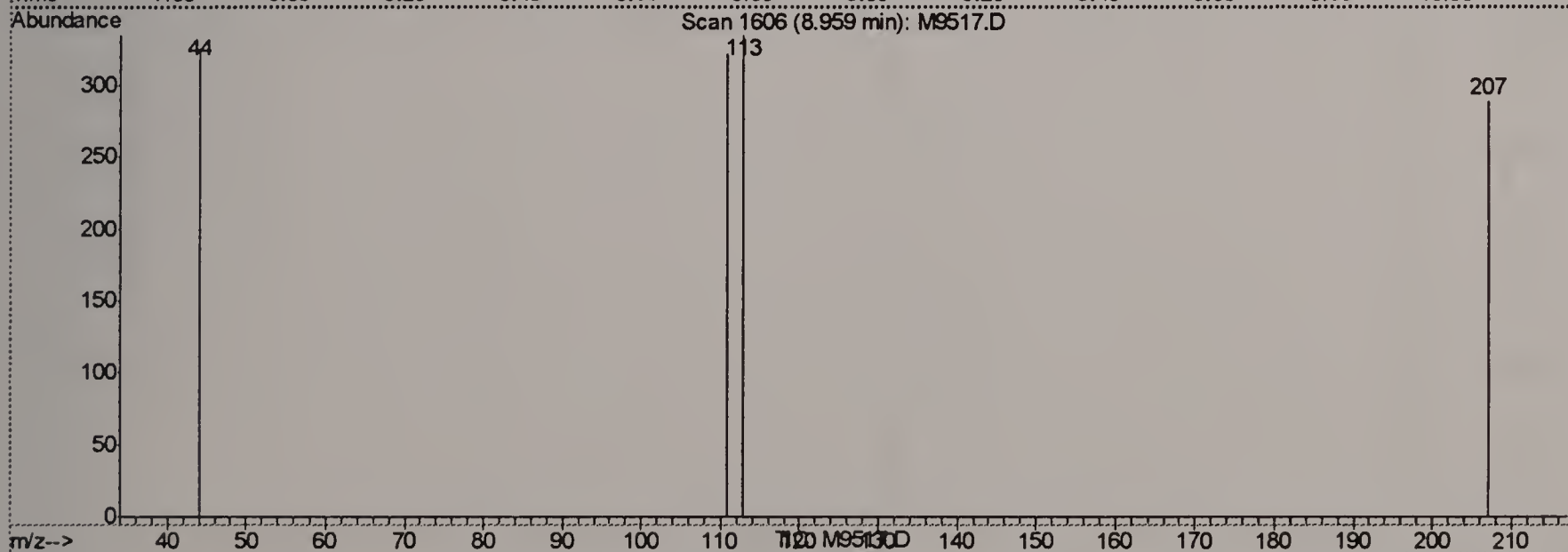
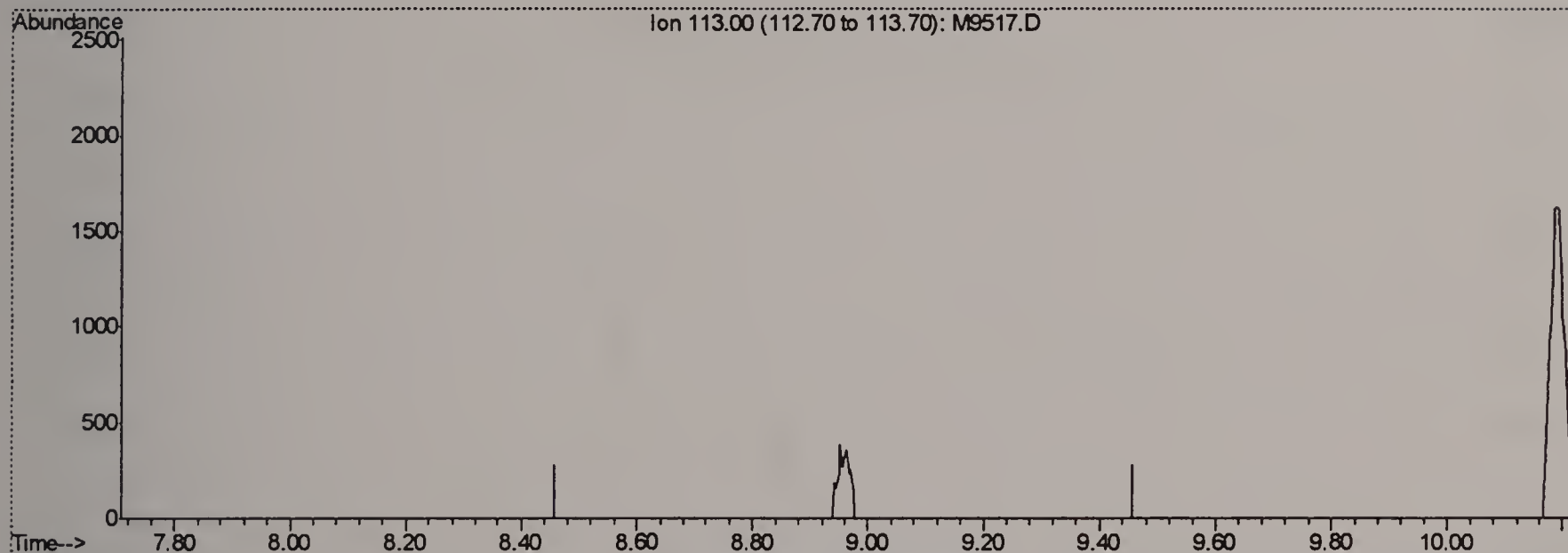
Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D Vial: 3
 Acq On : 5 May 2006 8:50 am Operator: sandrac
 Sample : IC310-0.5,0.5 PPB STD Inst : MSM
 Misc : ms11317,msm310,10,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 0.00ug/L

response 0

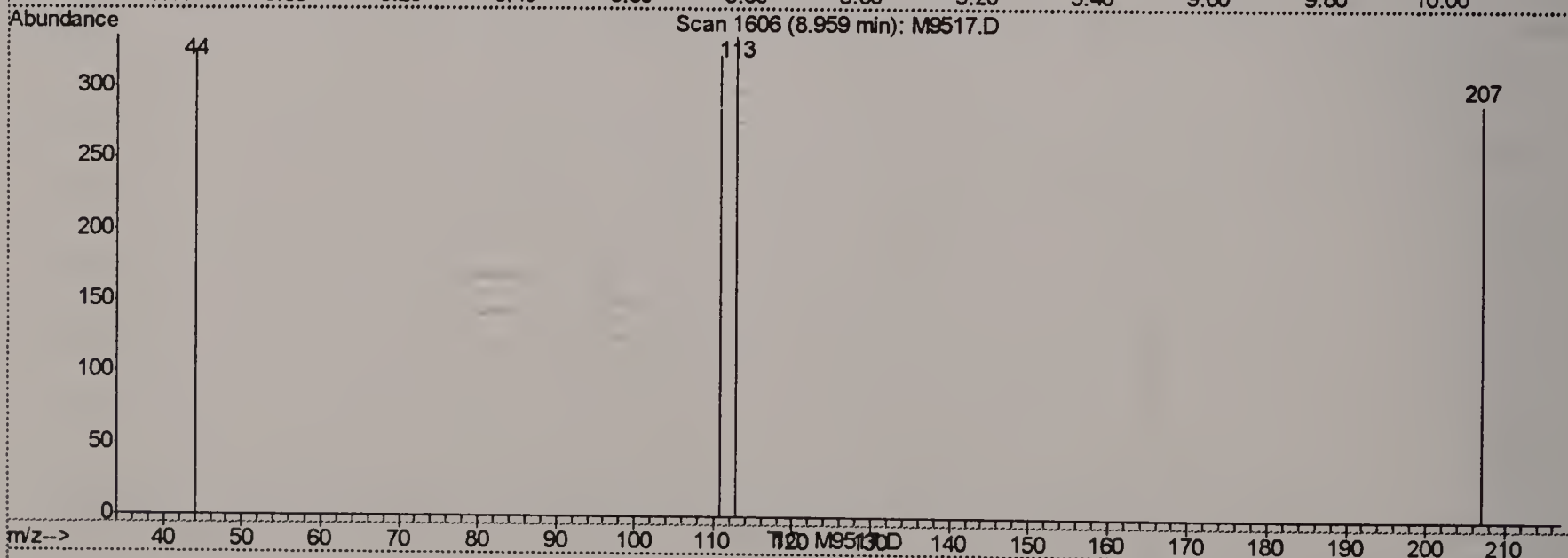
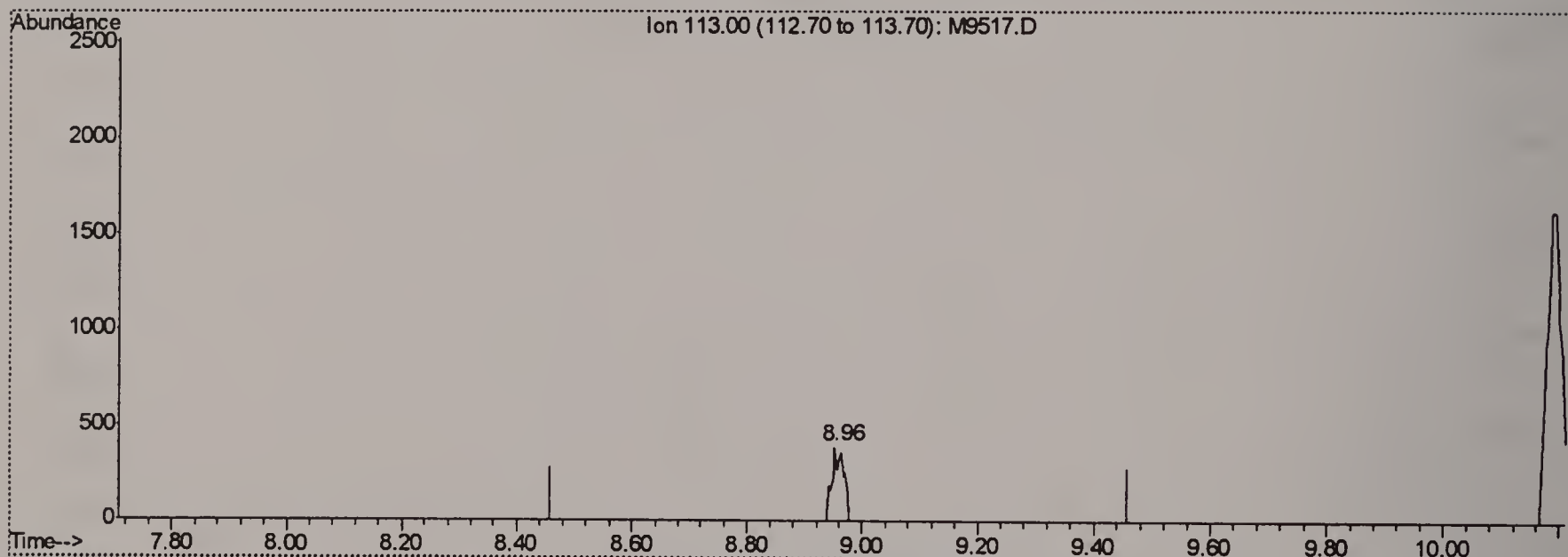
Ion	Exp%	Act%
113.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 0.81ug/L m

response 542

Ion	Exp%	Act%
113.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

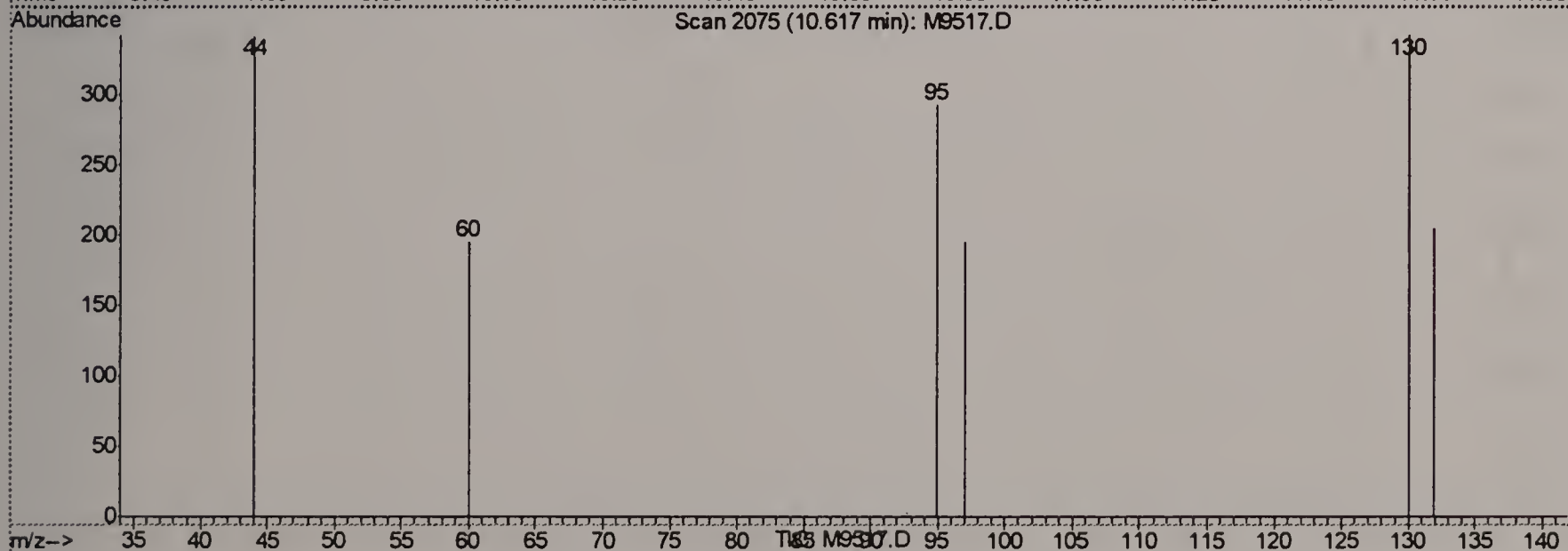
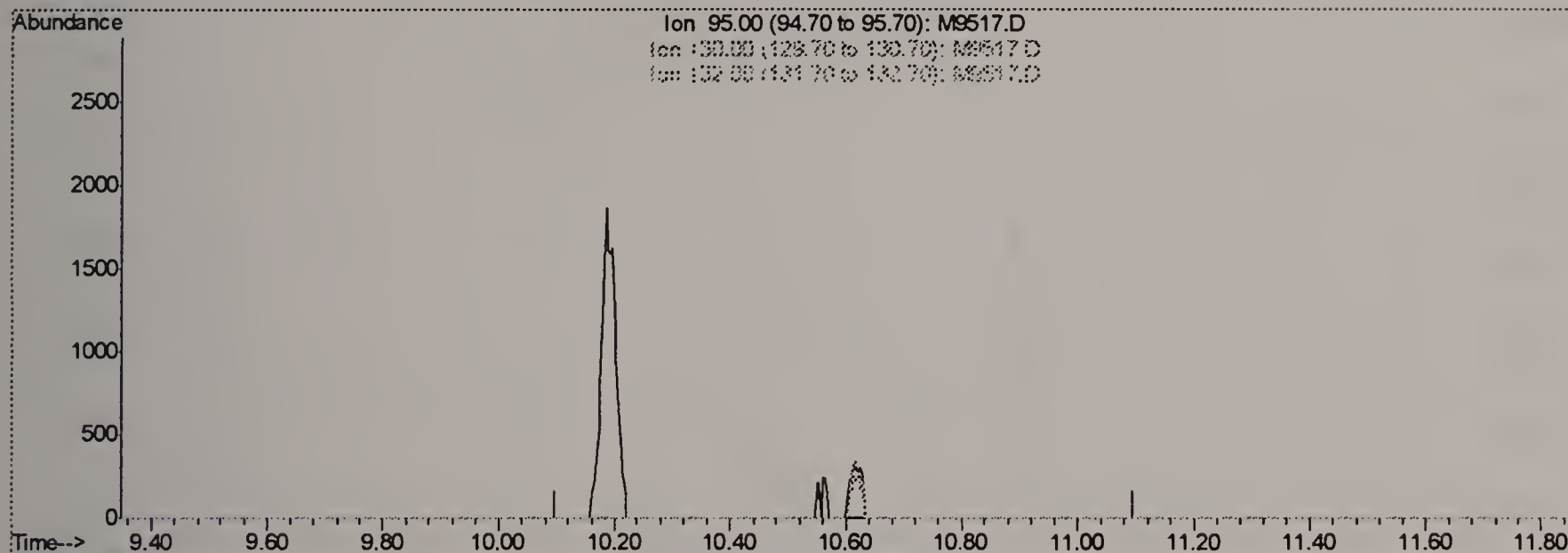
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(52) trichloroethene (M)

10.62min 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
130.00	81.40	0.00#
132.00	76.70	0.00#
0.00	0.00	0.00

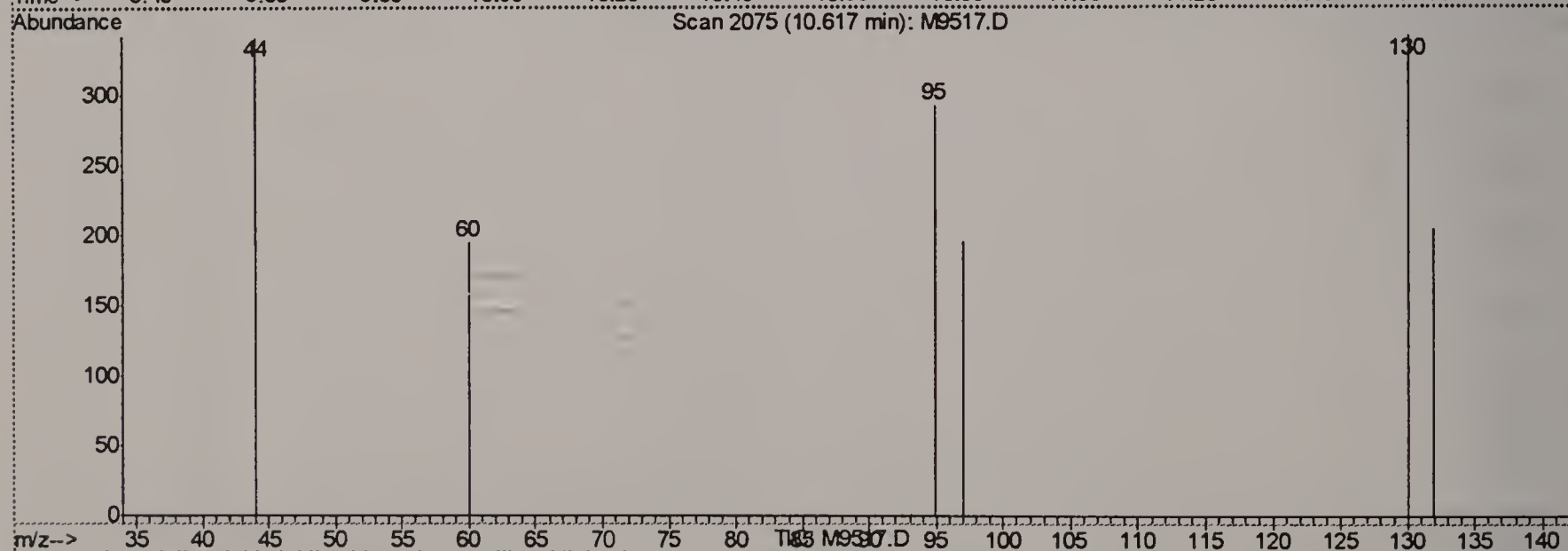
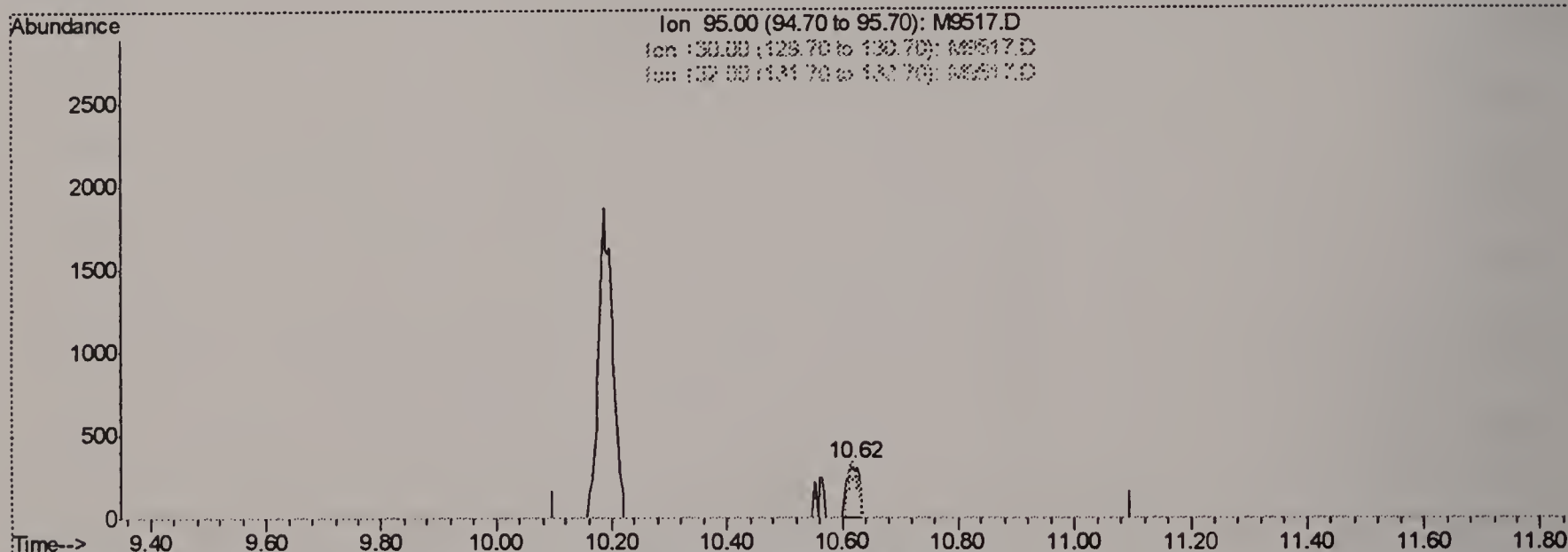
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(52) trichloroethene (M)

10.62min 0.54ug/L m

response 479

Ion	Exp%	Act%
95.00	100	100
130.00	81.40	117.12#
132.00	76.70	70.21
0.00	0.00	0.00

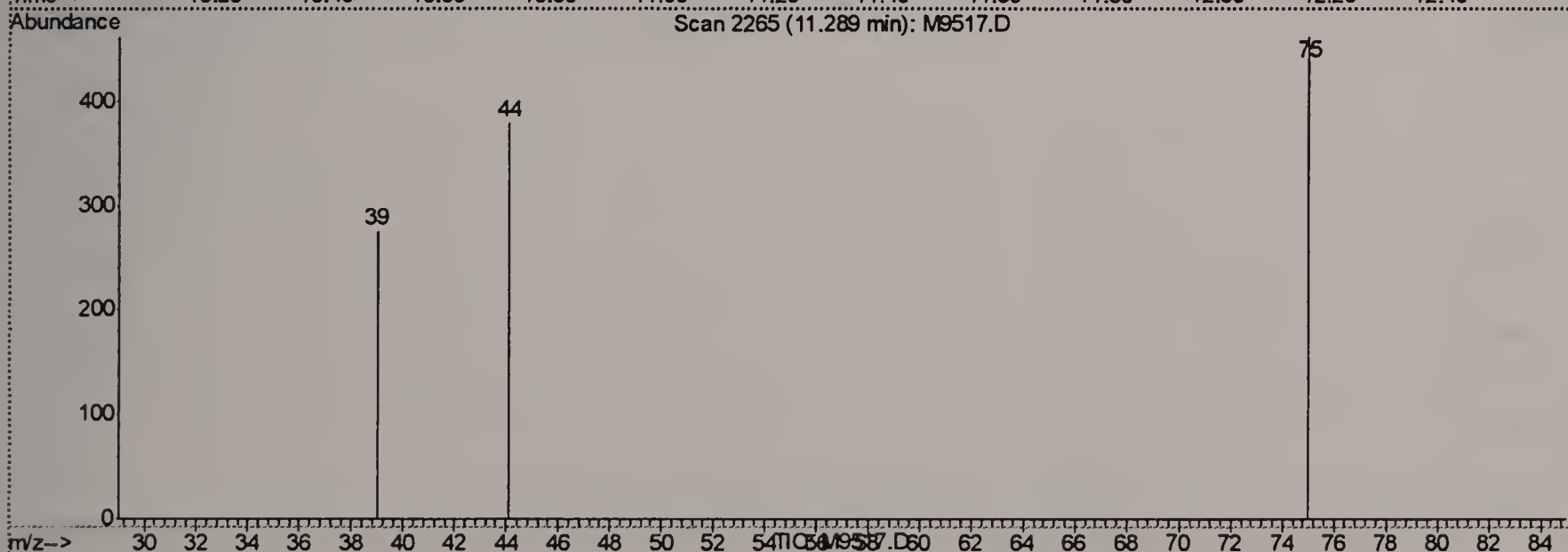
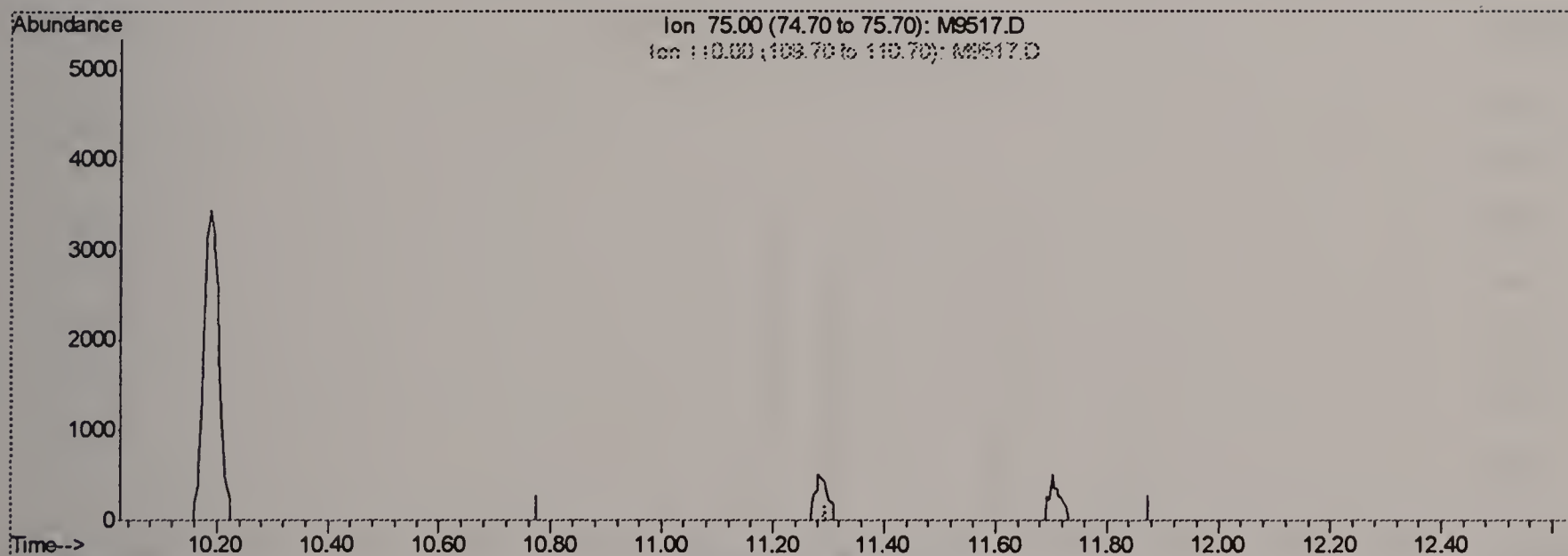
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(61) cis-1,3-dichloropropene (M)

11.29min 0.00ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

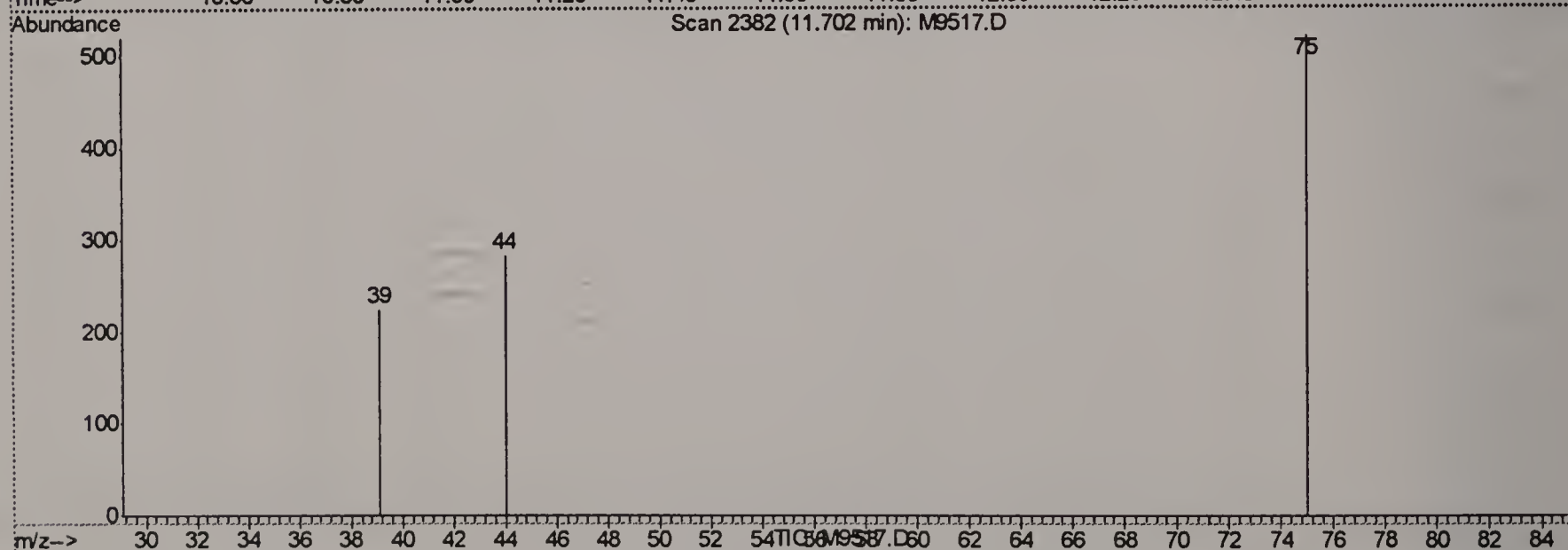
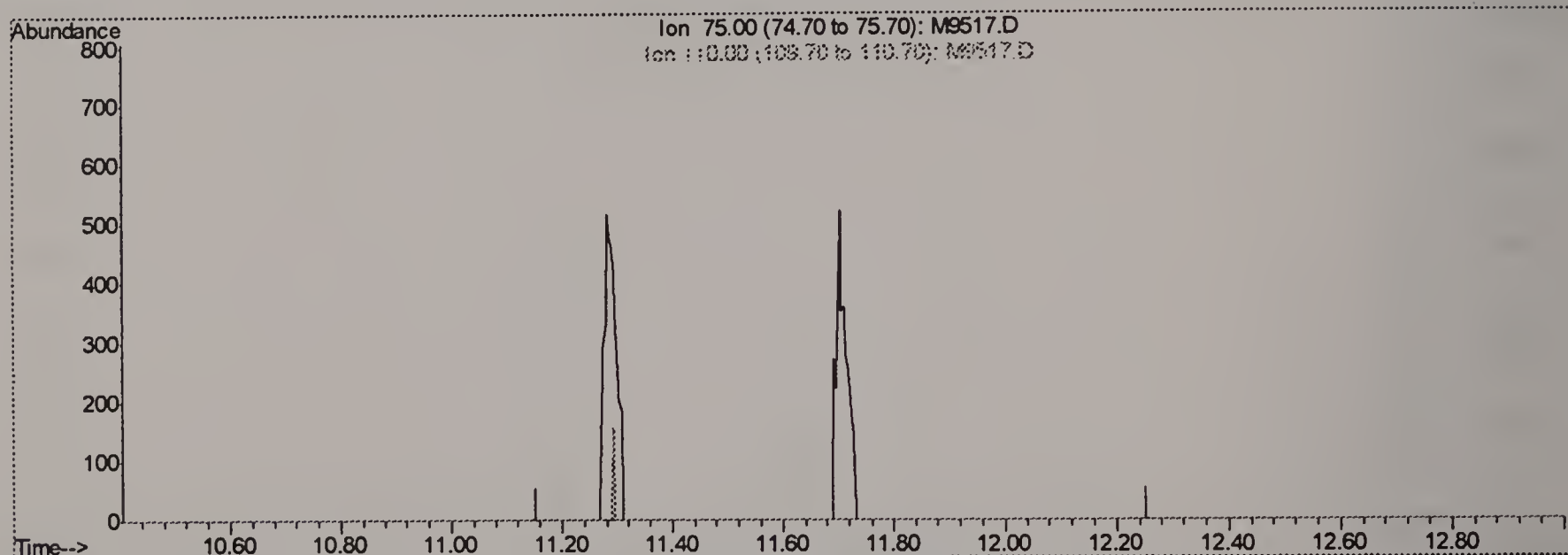
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(65) trans-1,3-dichloropropene (M)

11.70min 0.00ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	22.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

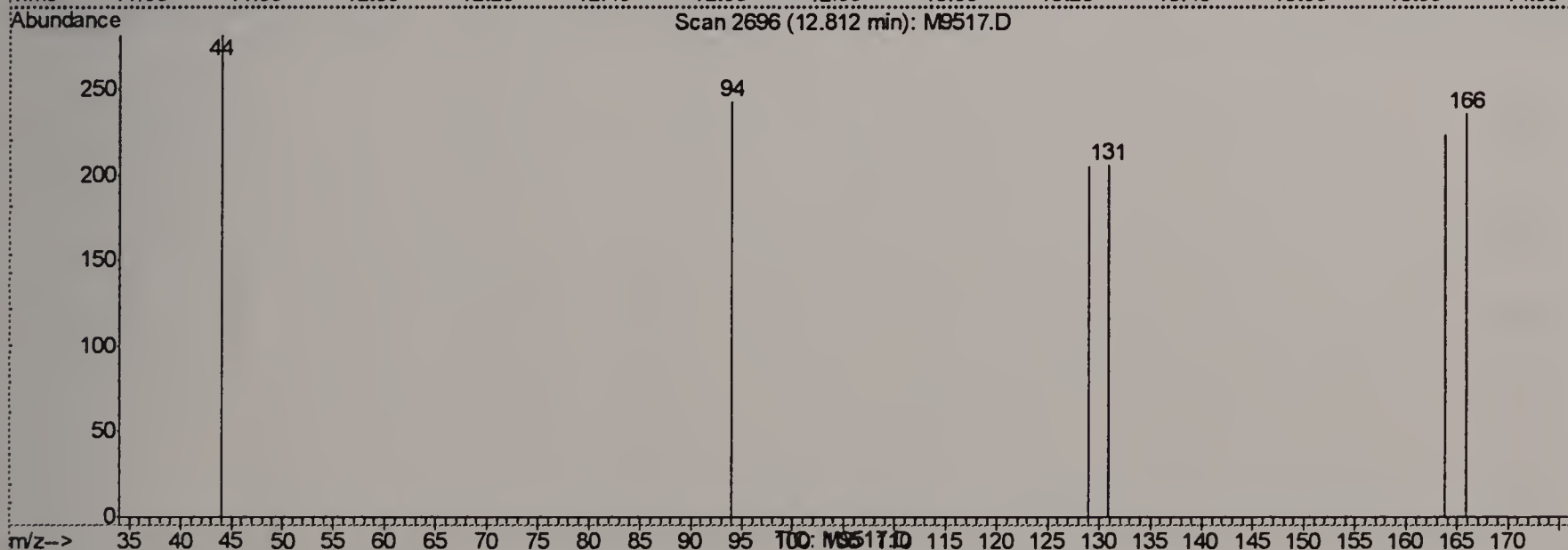
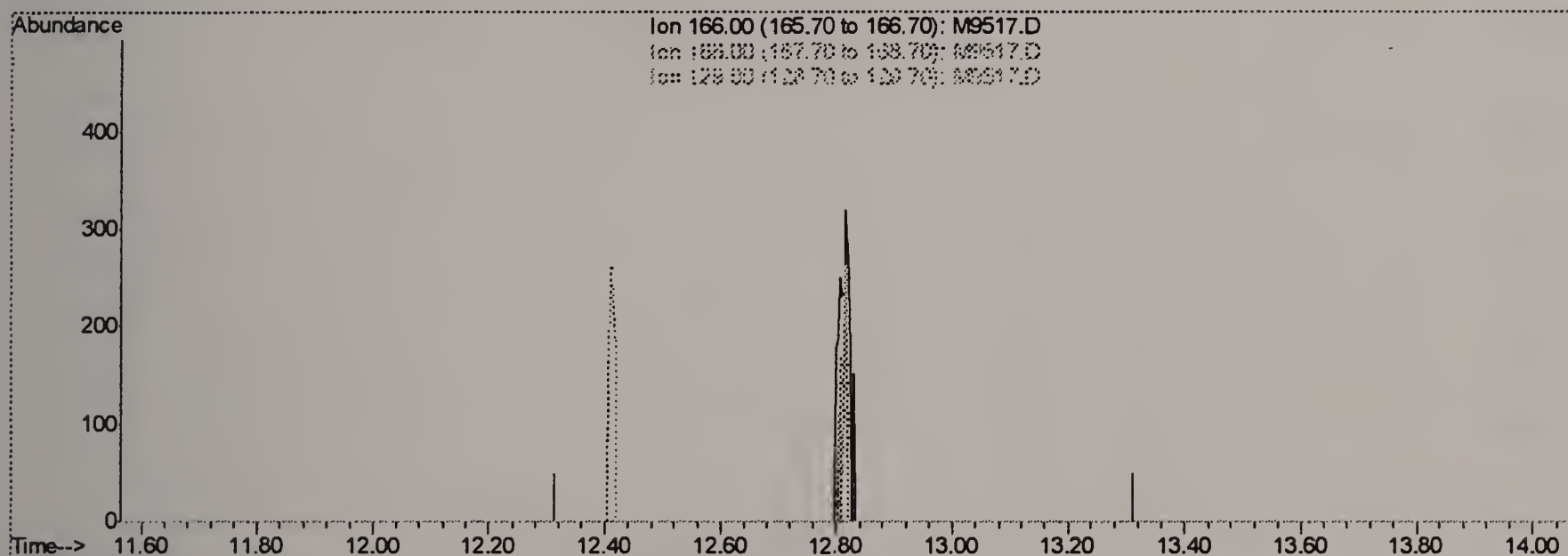
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:45 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(69) tetrachloroethene (M)

12.81min 0.00ug/L

response 0

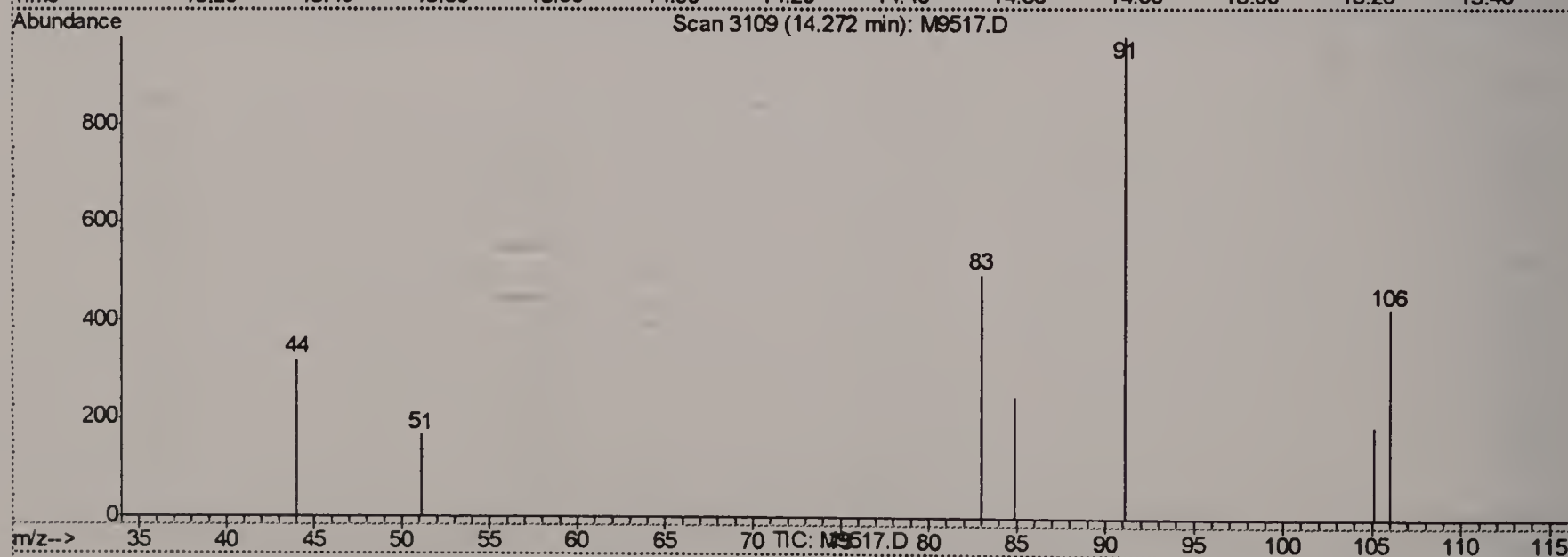
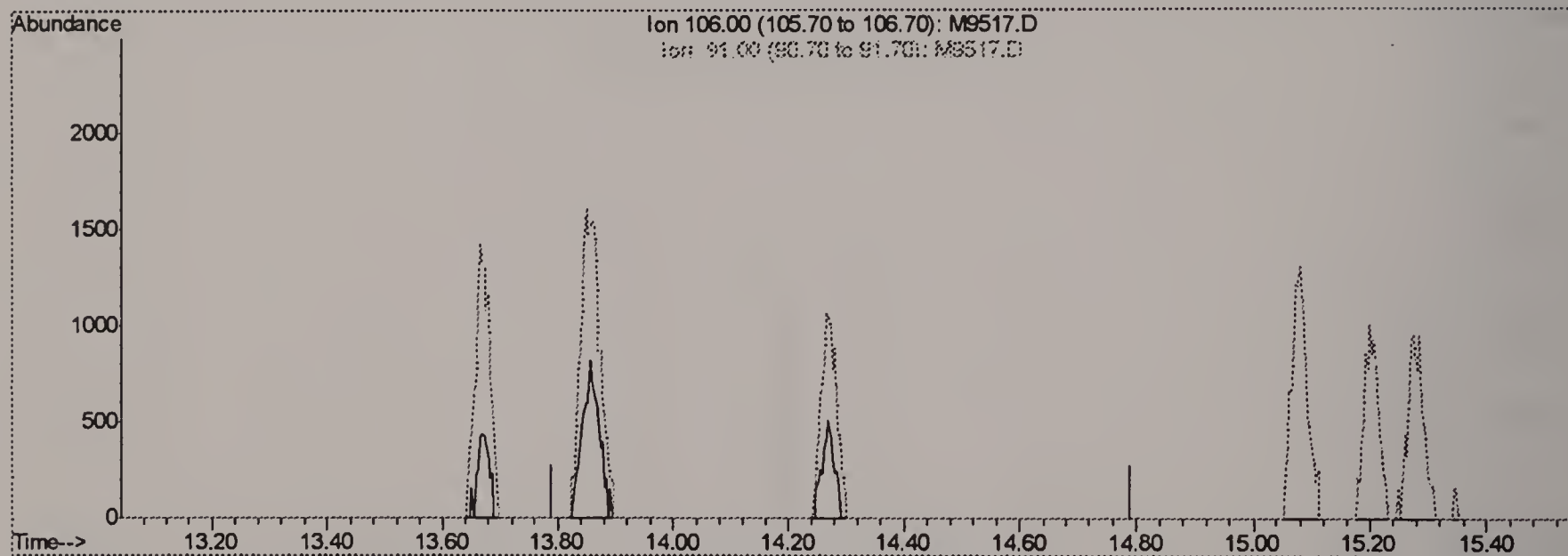
Ion	Exp%	Act%
166.00	100	0.00
168.00	47.80	0.00#
129.00	77.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:46 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(78) o-xylene (M)

14.27min 0.00ug/L

response 0

Ion	Exp%	Act%
106.00	100	0.00
91.00	231.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

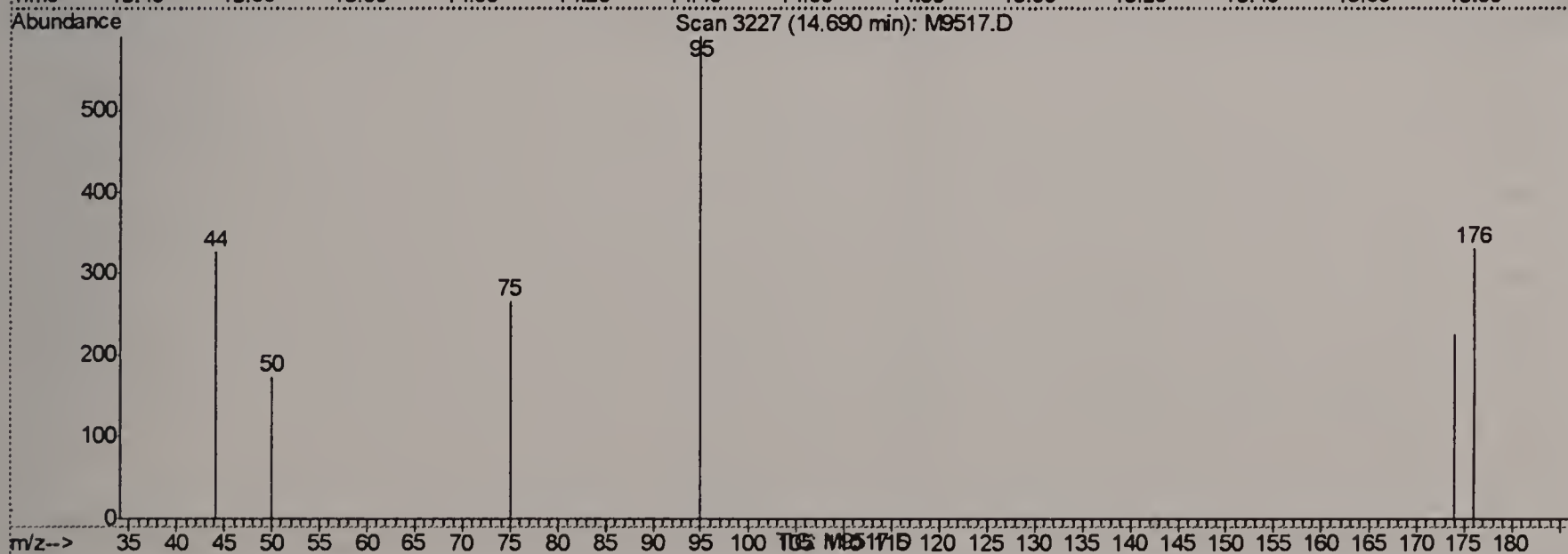
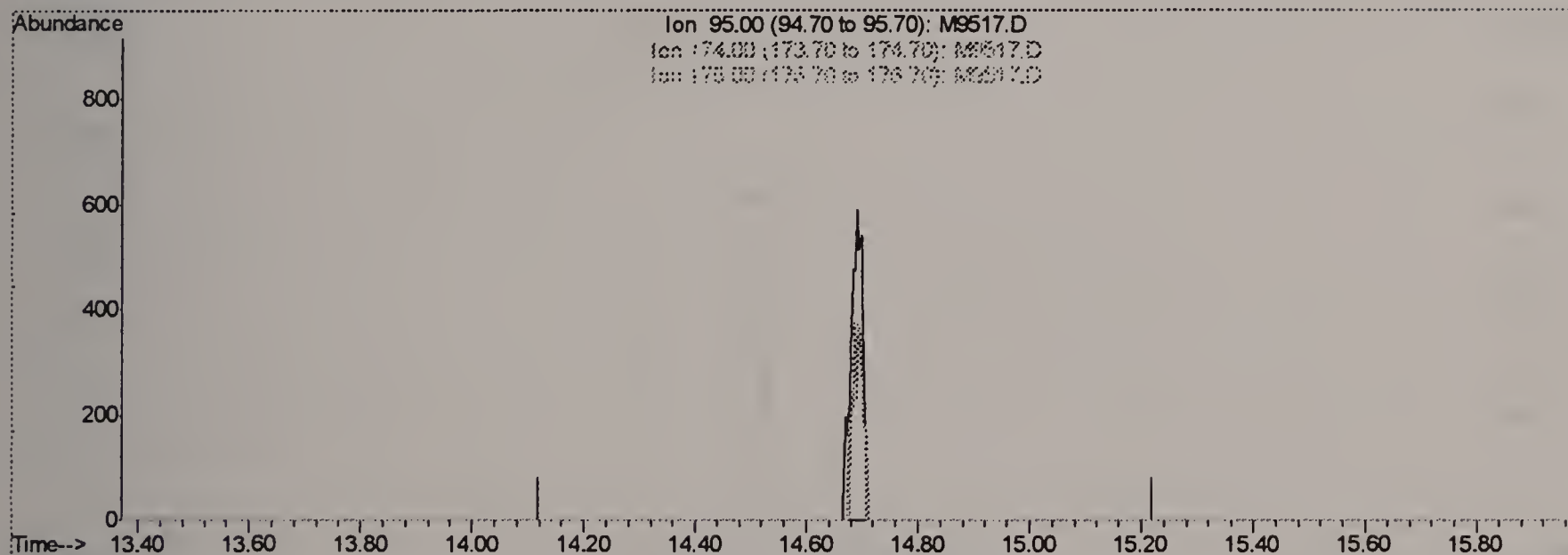
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:46 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(84) bromofluorobenzene (s) (S)

14.69min 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
174.00	55.60	0.00#
176.00	57.90	0.00#
0.00	0.00	0.00

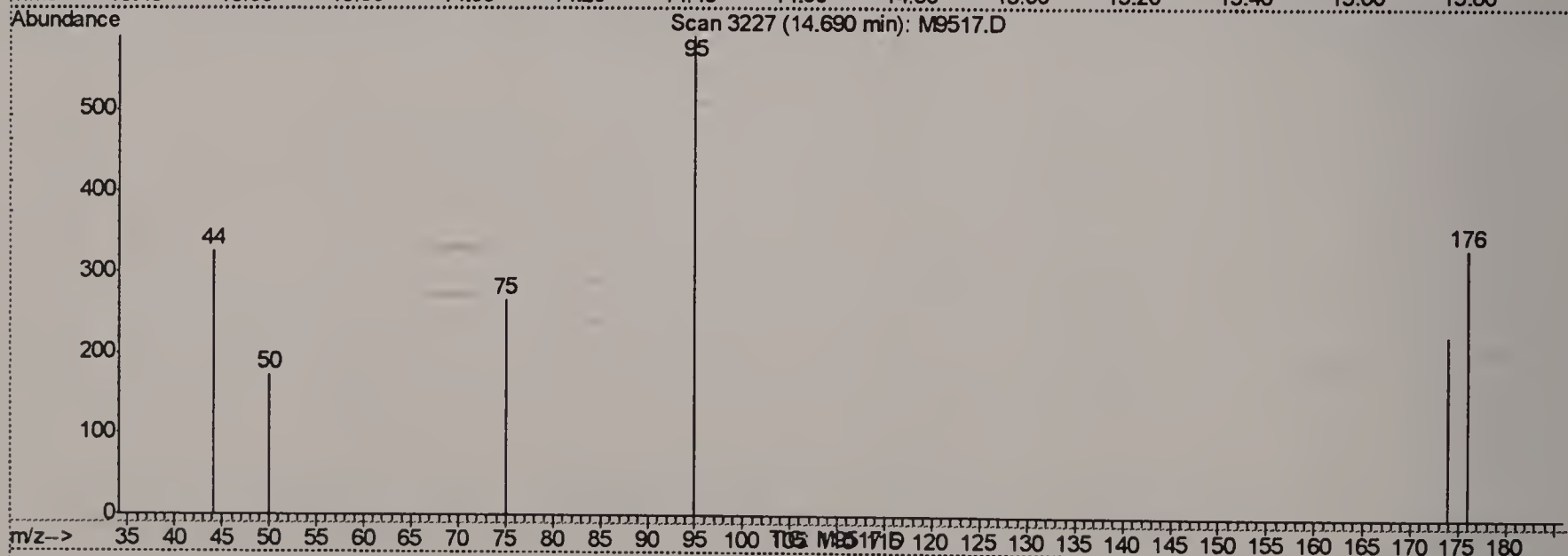
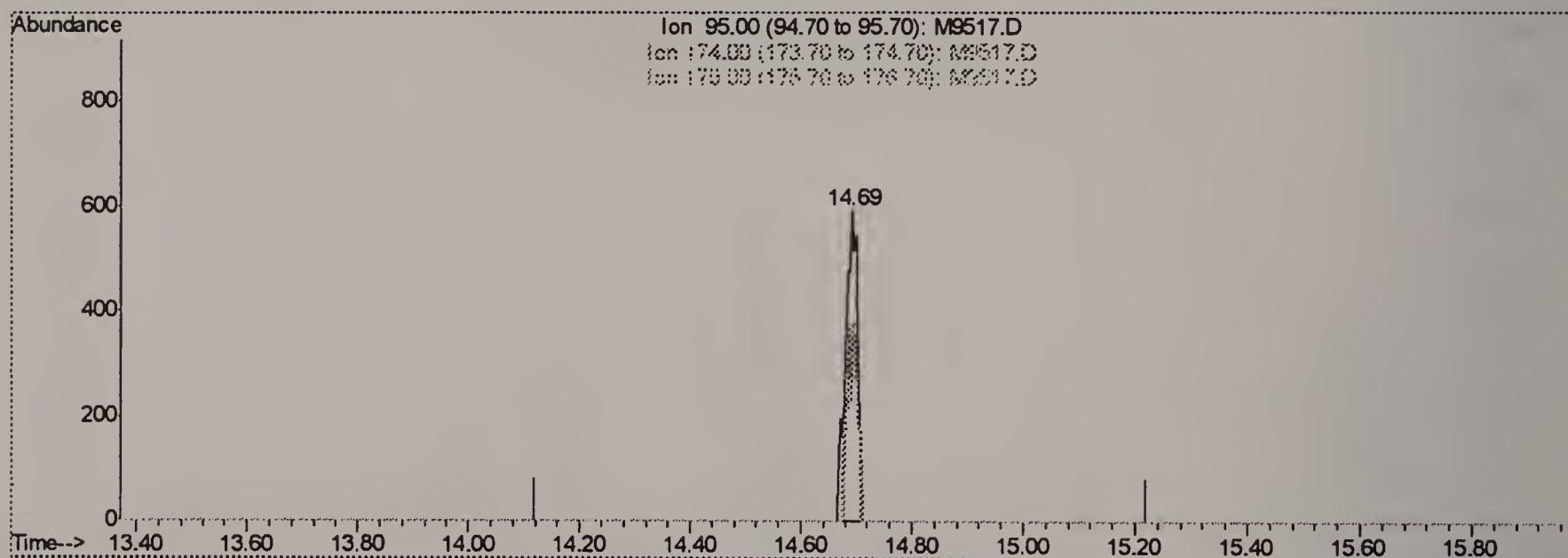
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:46 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(84) bromofluorobenzene (s) (S)

14.69min 0.65ug/L m

response 903

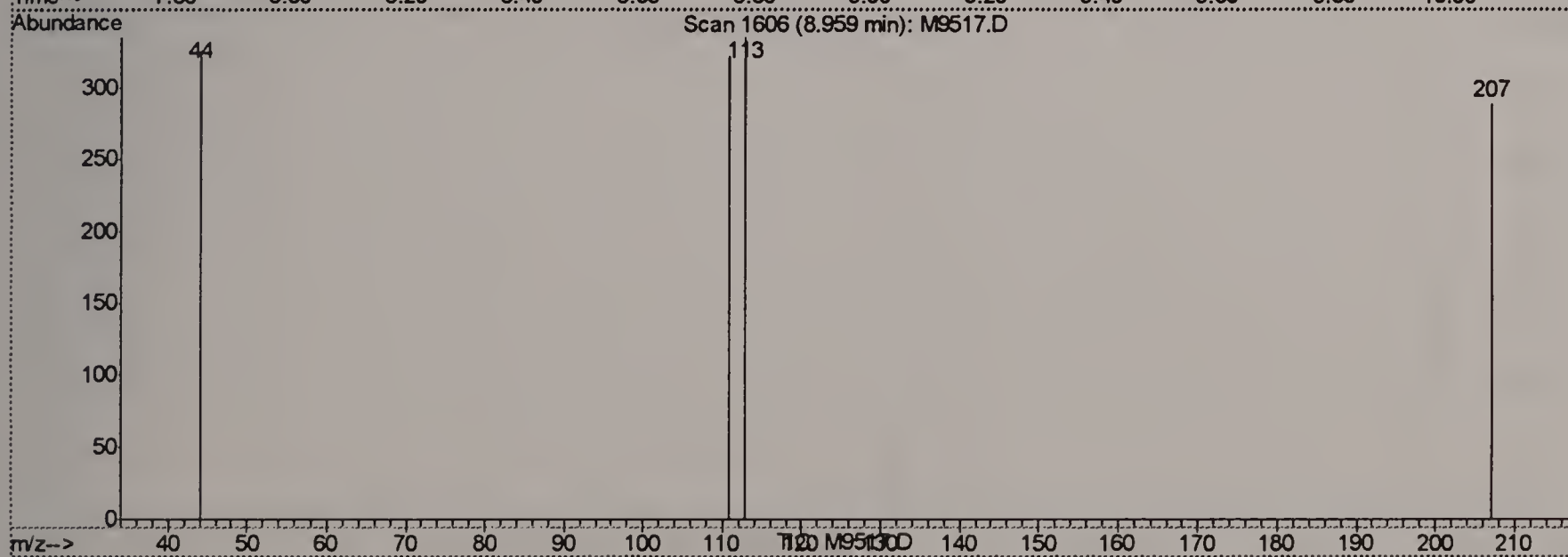
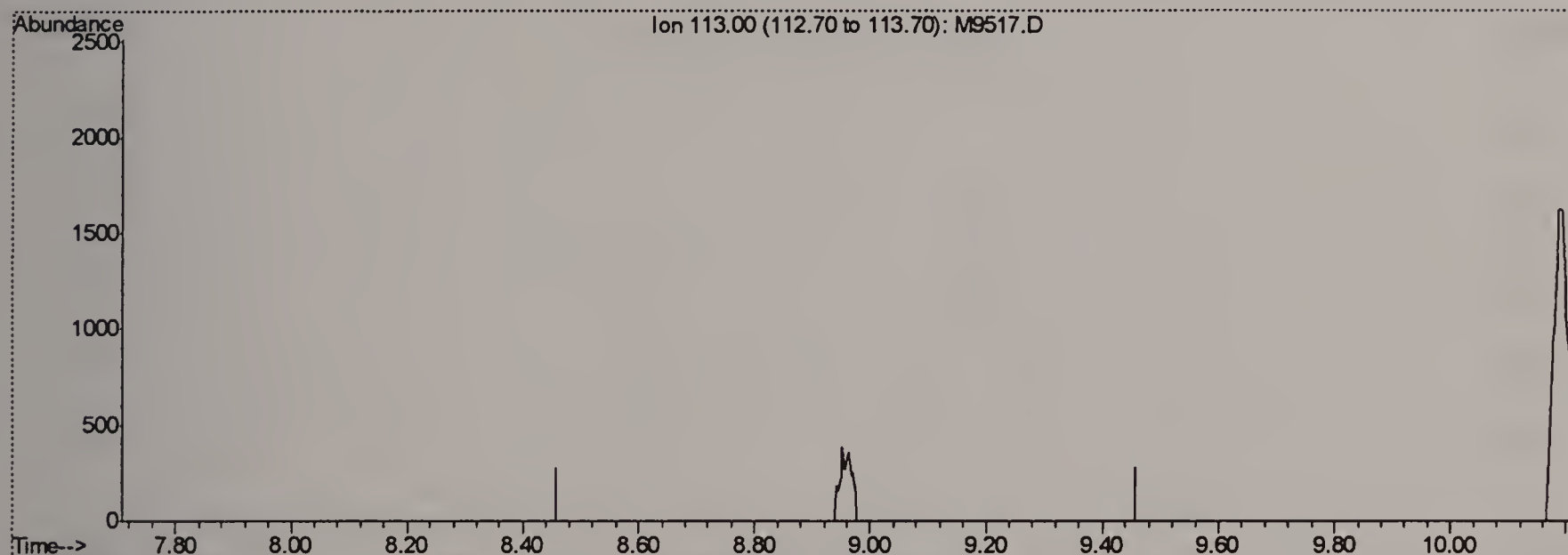
Ion	Exp%	Act%
95.00	100	100
174.00	55.60	38.24
176.00	57.90	56.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:17 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 0.00ug/L

response 0

Ion	Exp%	Act%
113.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

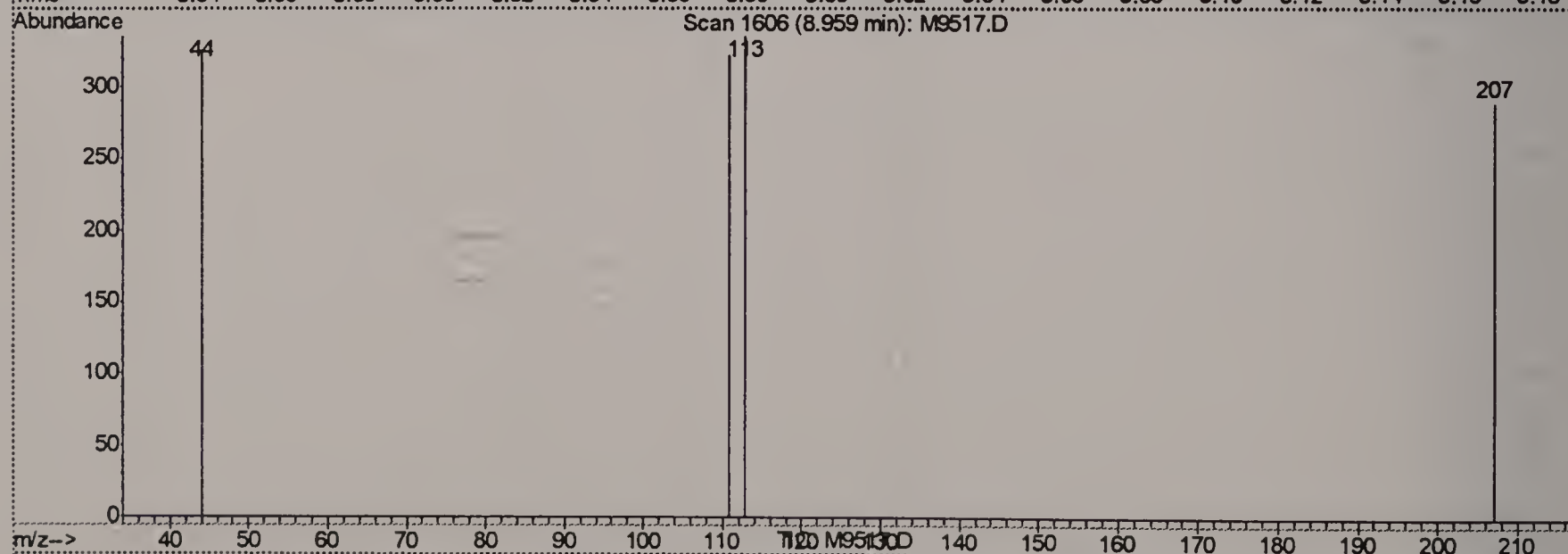
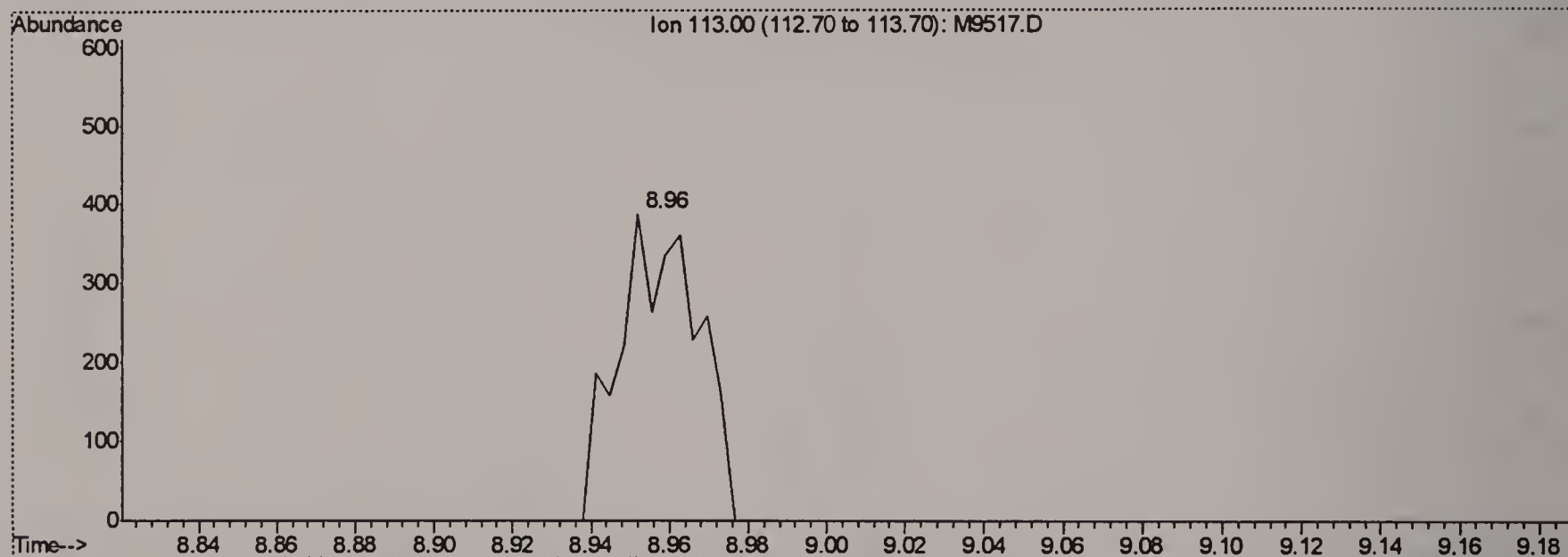
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:17 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 0.81ug/L m

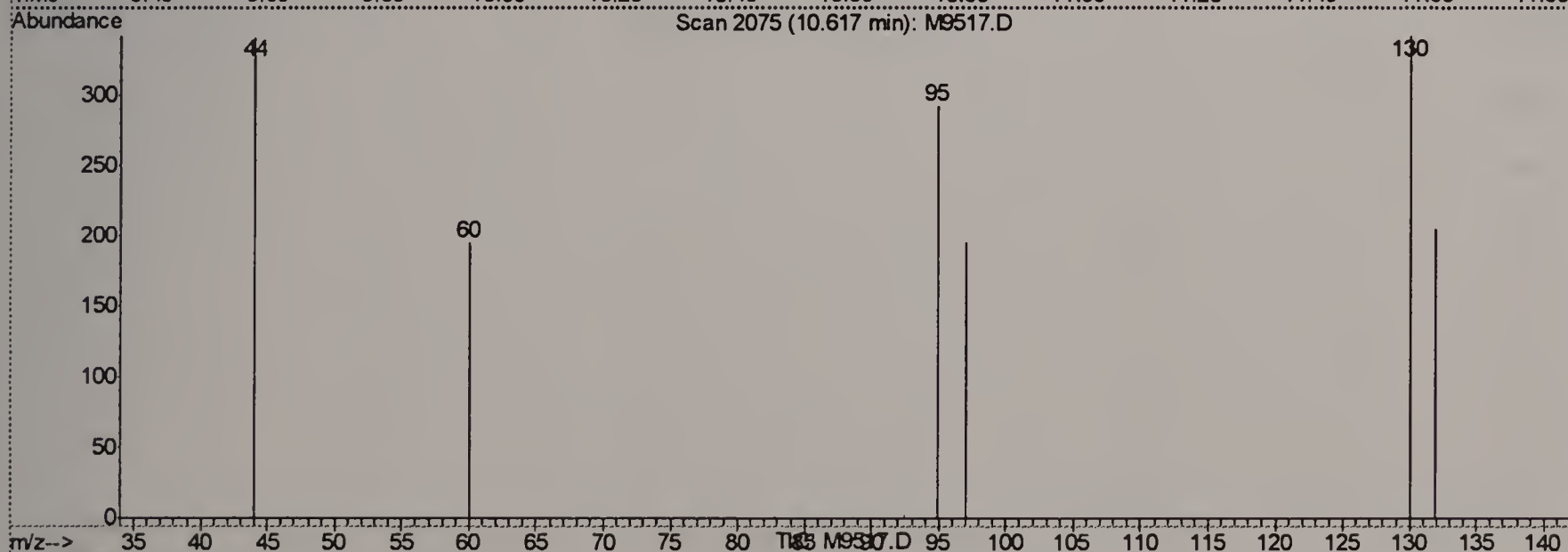
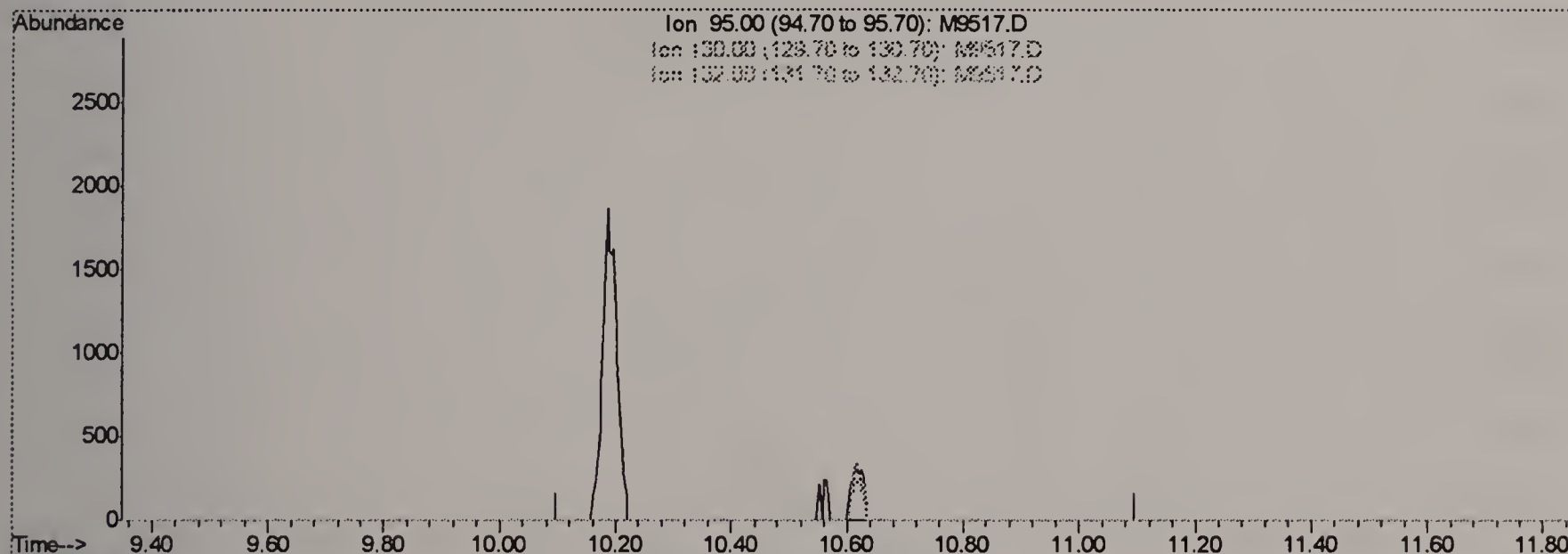
response 542

Ion	Exp%	Act%
113.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D Vial: 3
 Acq On : 5 May 2006 8:50 am Operator: sandrac
 Sample : IC310-0.5,0.5 PPB STD Inst : MSM
 Misc : ms11317,msm310,10,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(52) trichloroethene (M)

10.62min 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
130.00	81.40	0.00#
132.00	76.70	0.00#
0.00	0.00	0.00

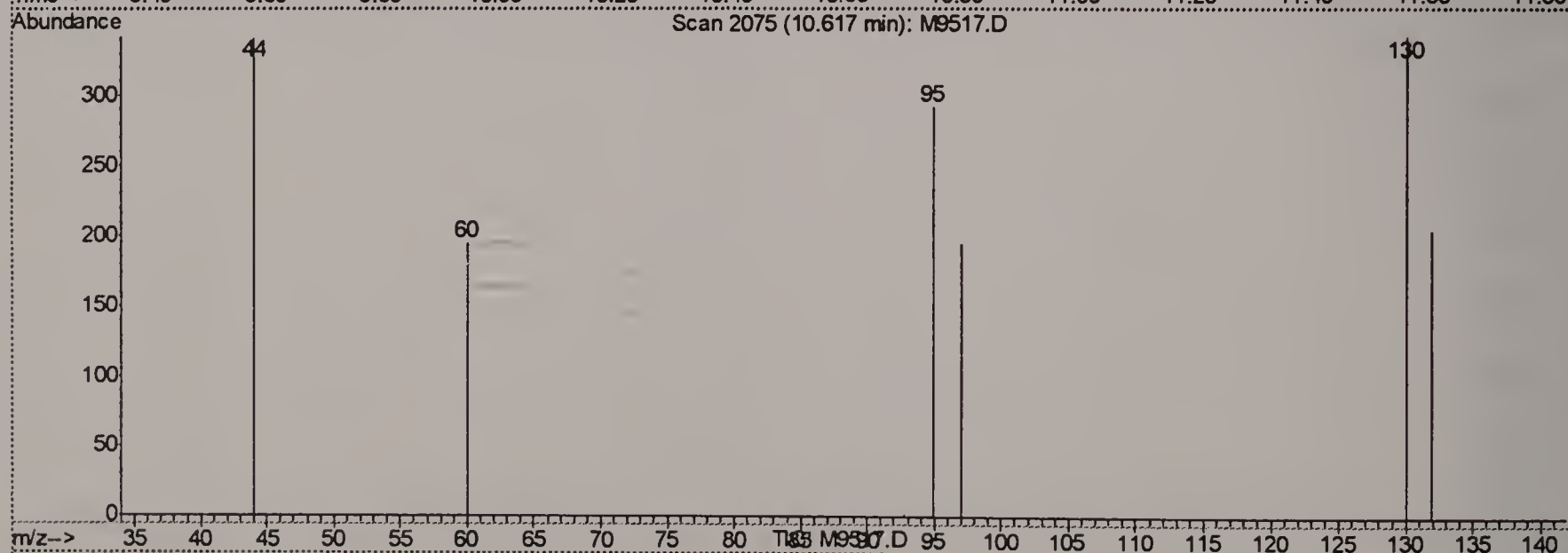
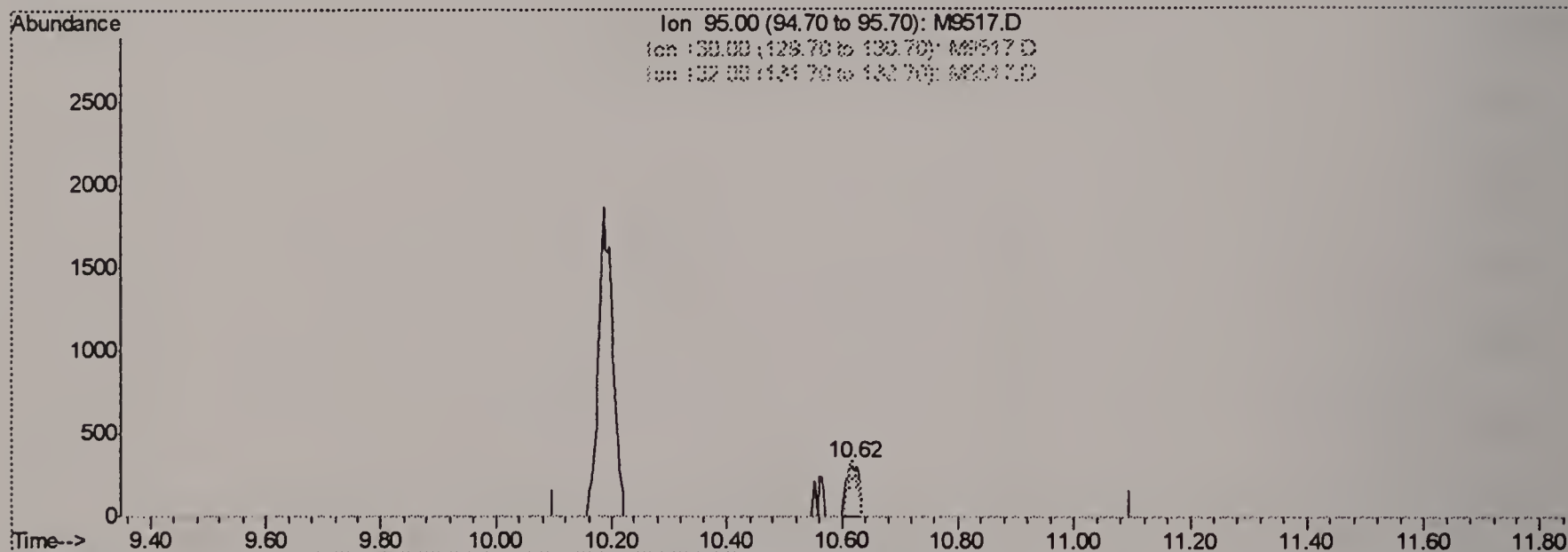
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(52) trichloroethene (M)

10.62min 0.54ug/L m

response 479

Ion	Exp%	Act%
95.00	100	100
130.00	81.40	117.12#
132.00	76.70	70.21
0.00	0.00	0.00

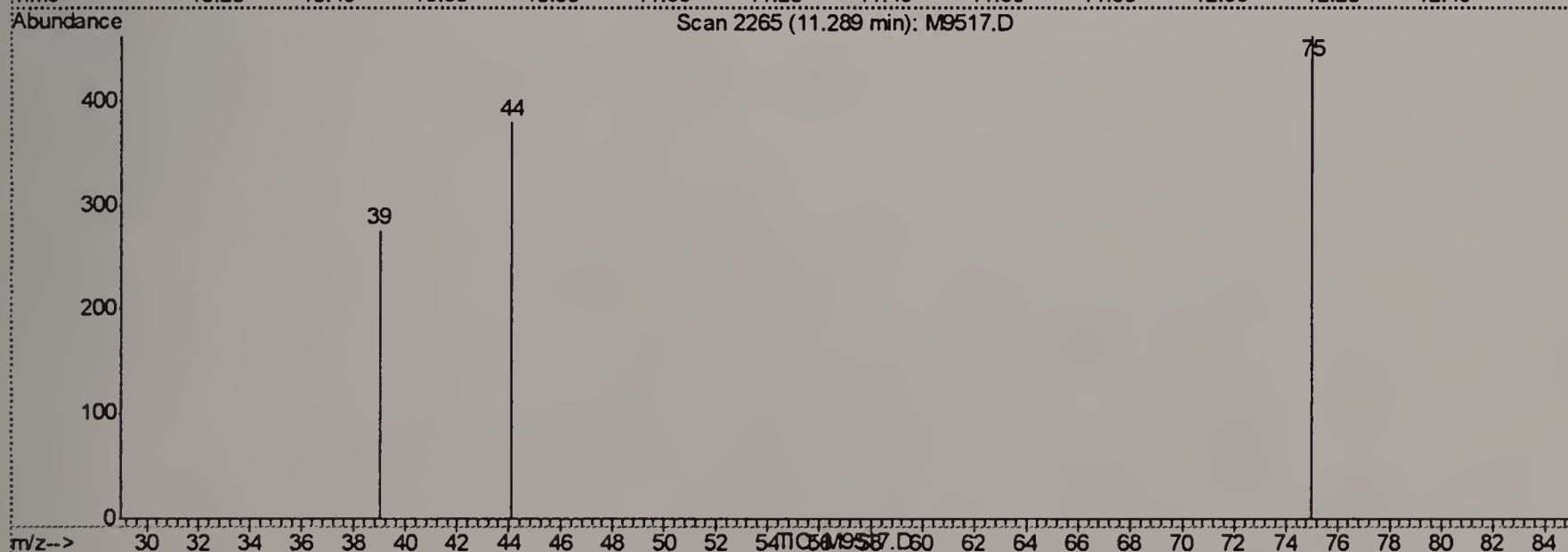
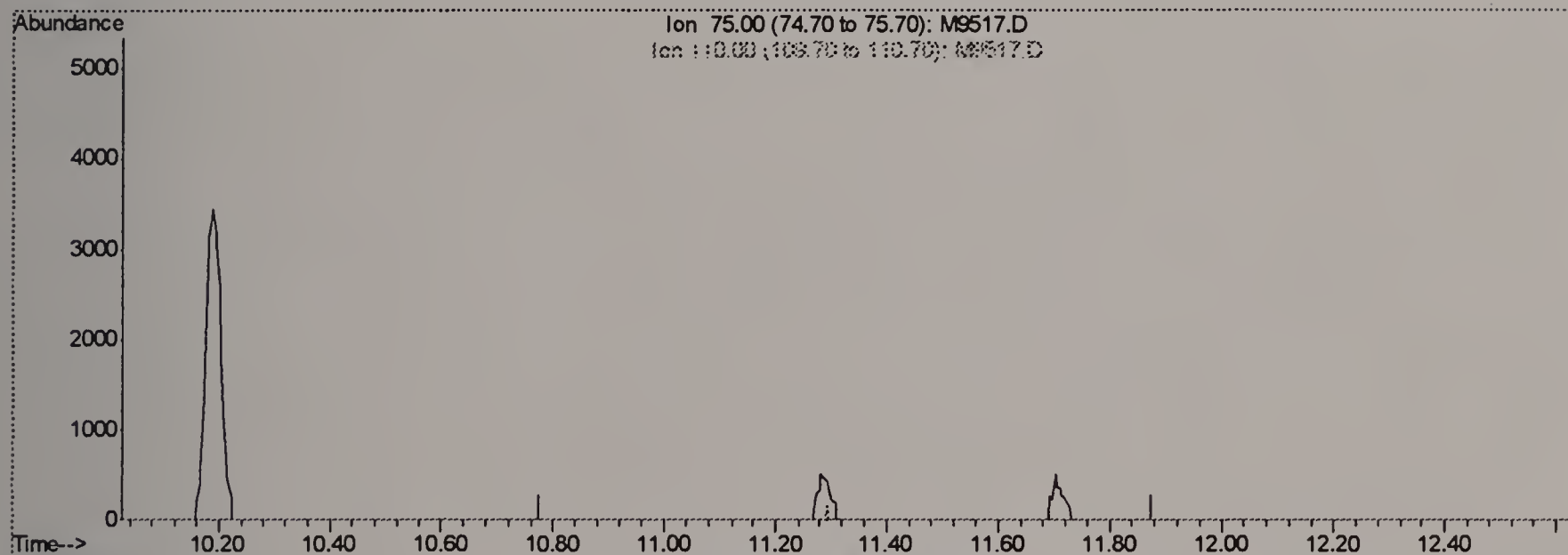
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(61) cis-1,3-dichloropropene (M)

11.29min 0.00ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

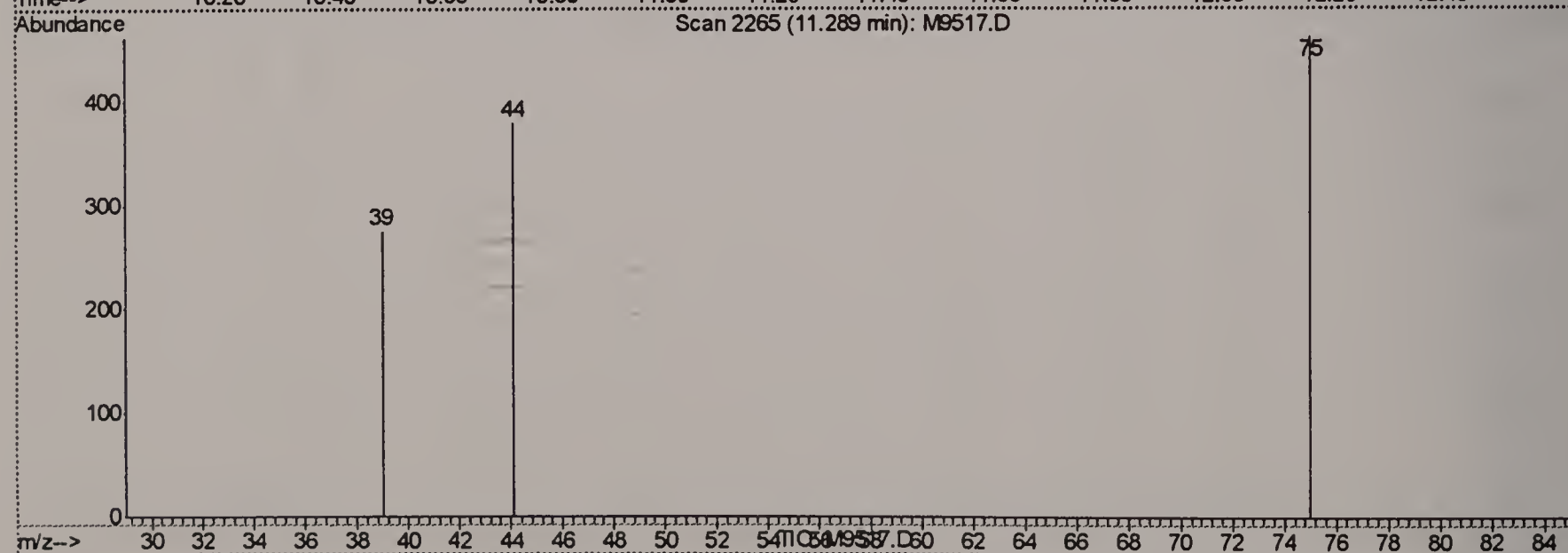
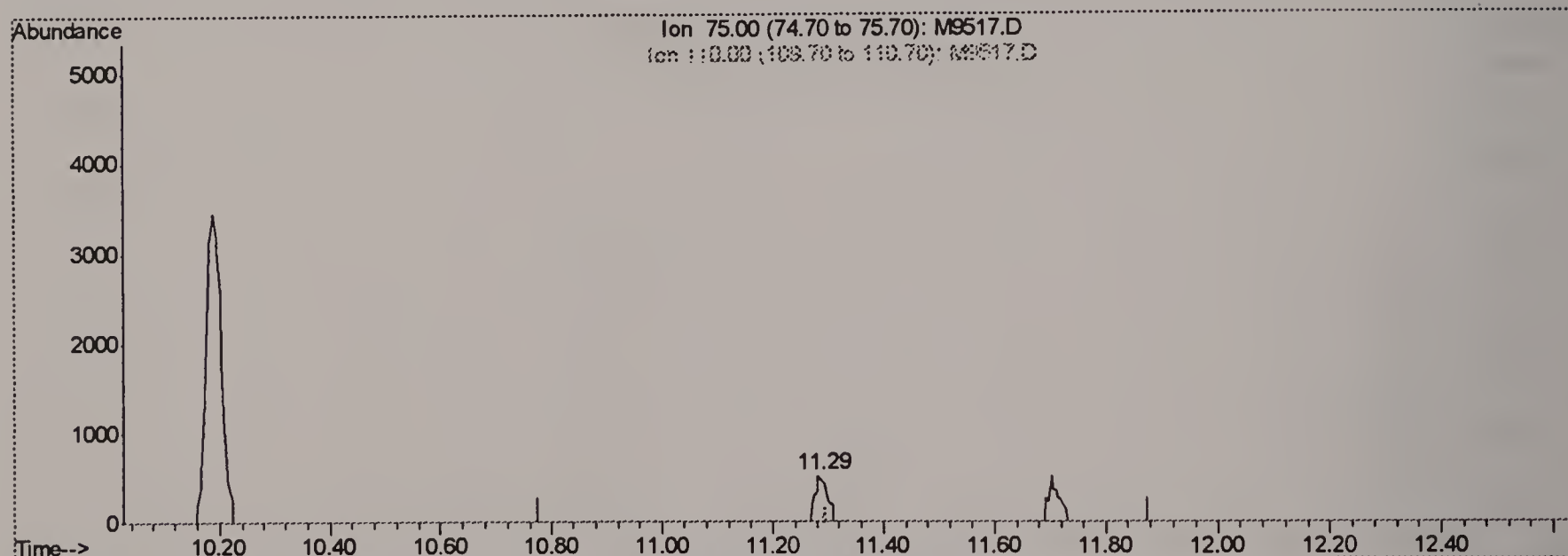
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(61) cis-1,3-dichloropropene (M)

11.29min 0.57ug/L m

response 779

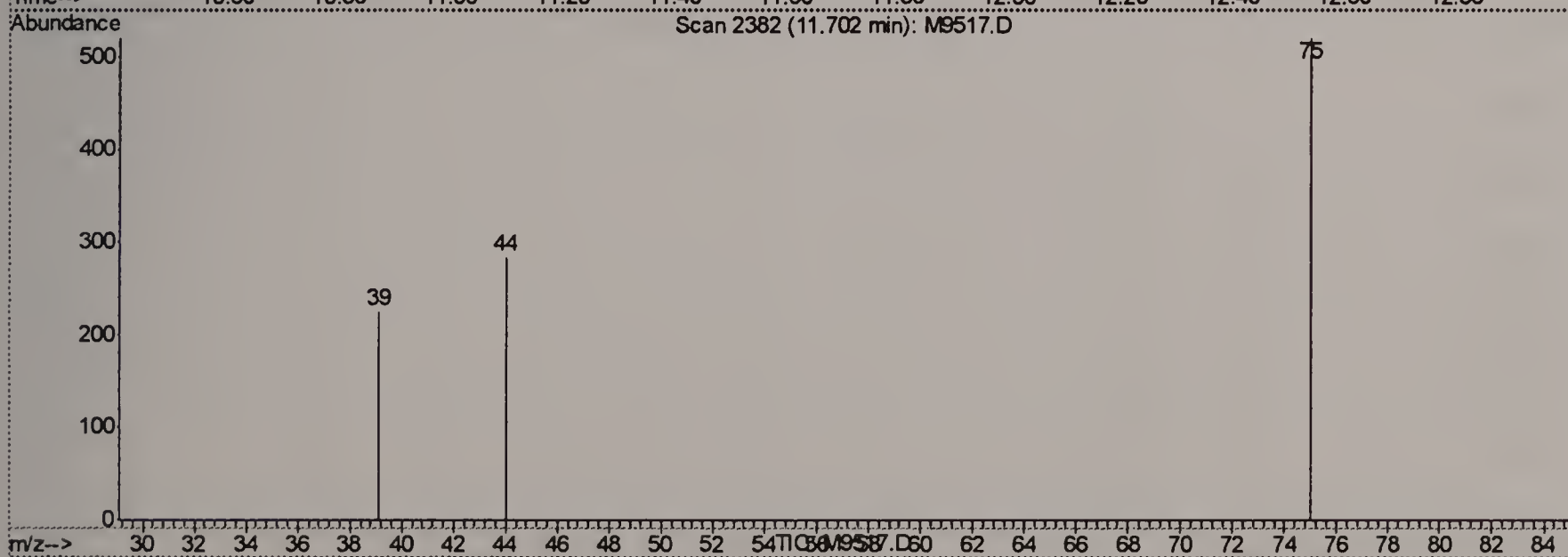
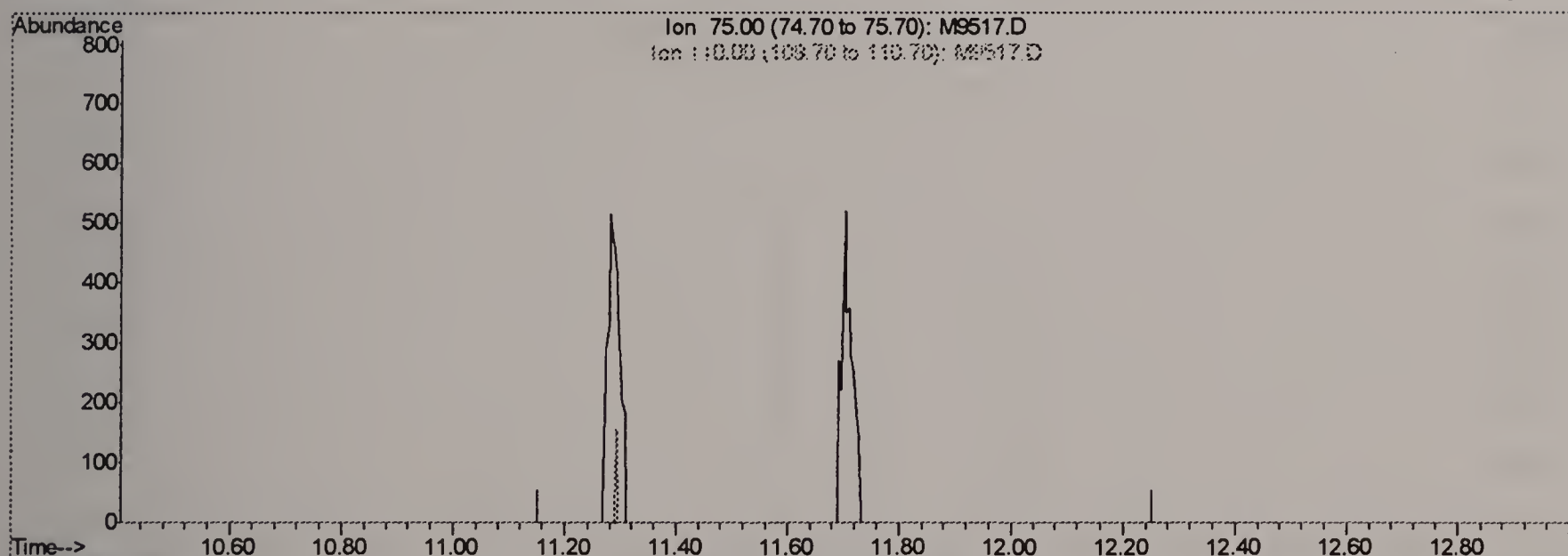
Ion	Exp%	Act%
75.00	100	100
110.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(65) trans-1,3-dichloropropene (M)

11.70min 0.00ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	22.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

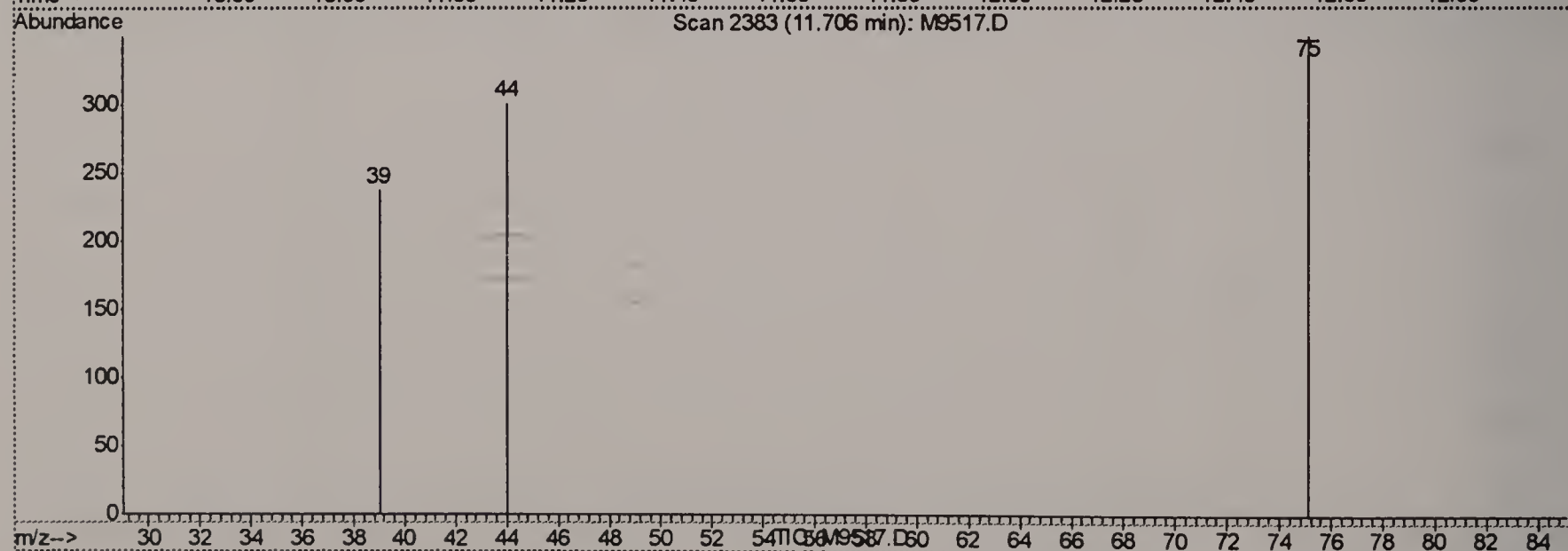
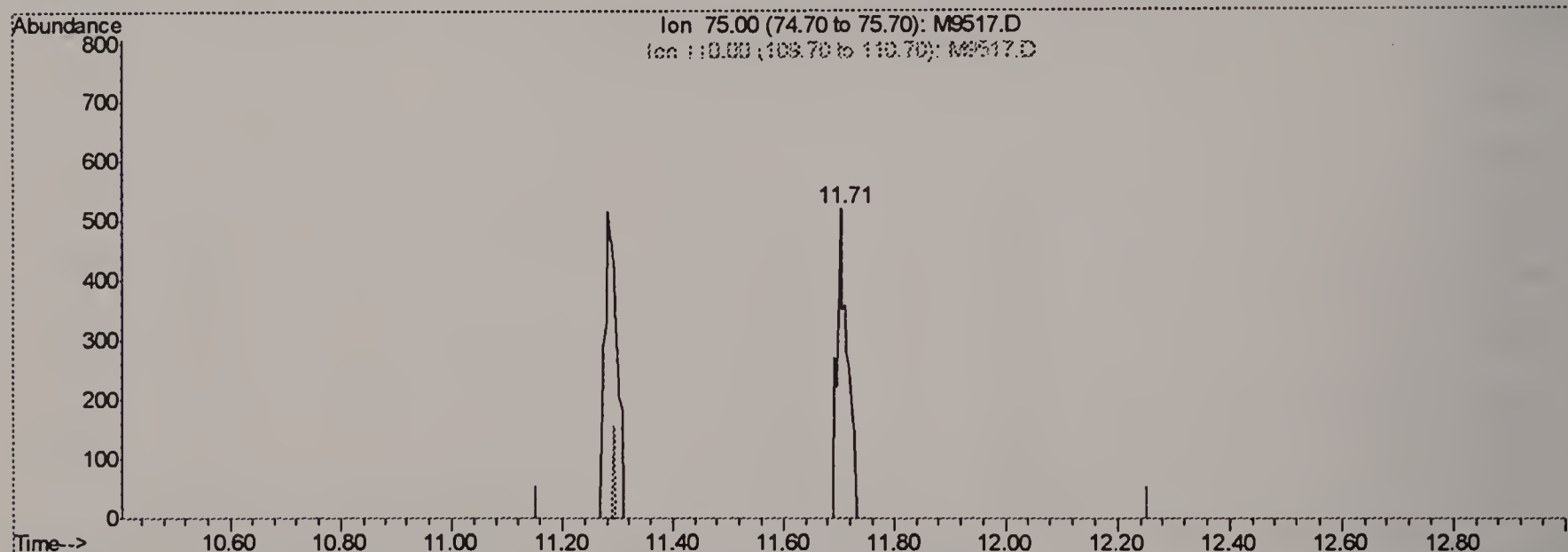
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(65) trans-1,3-dichloropropene (M)

11.71min 0.61ug/L m

response 661

Ion	Exp%	Act%
75.00	100	100
110.00	22.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

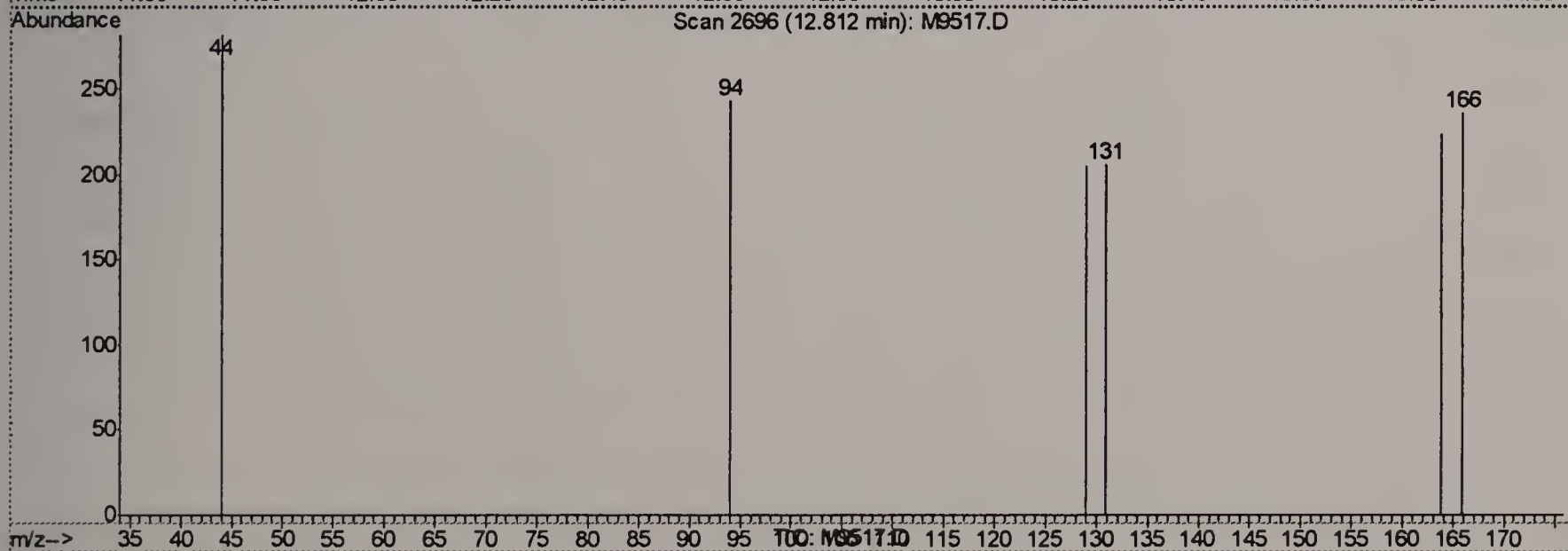
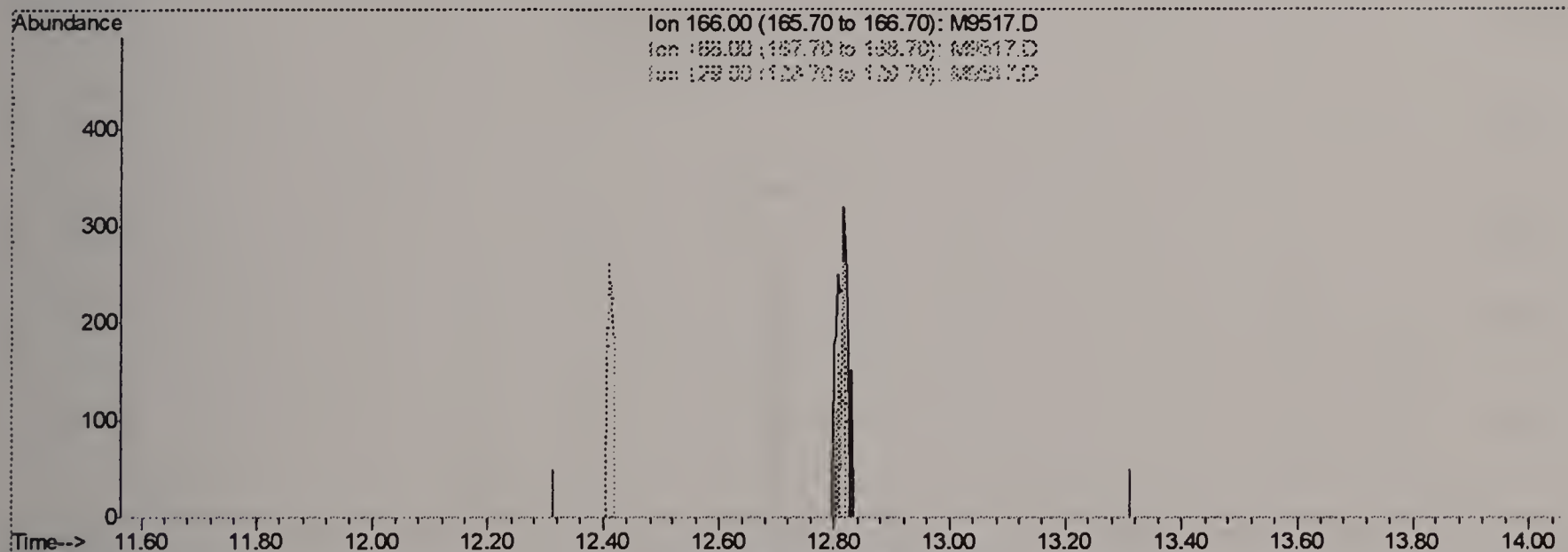
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(69) tetrachloroethene (M)

12.81min 0.00ug/L

response 0

Ion	Exp%	Act%
166.00	100	0.00
168.00	47.80	0.00#
129.00	77.80	0.00#
0.00	0.00	0.00

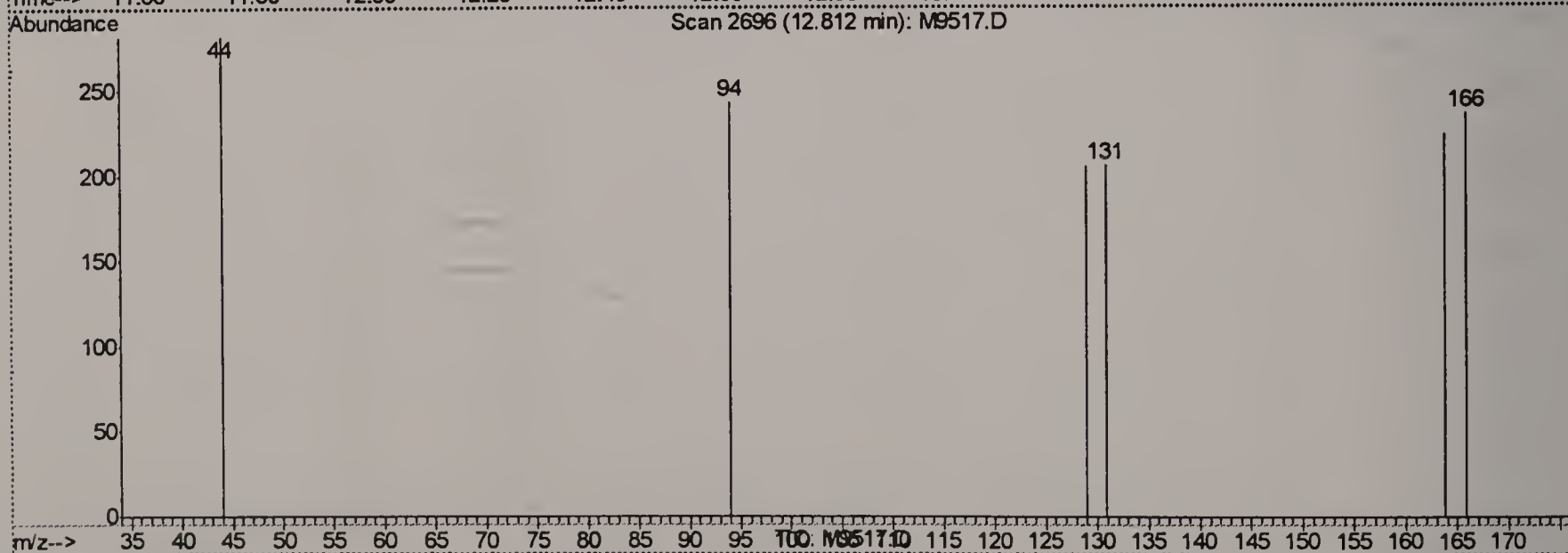
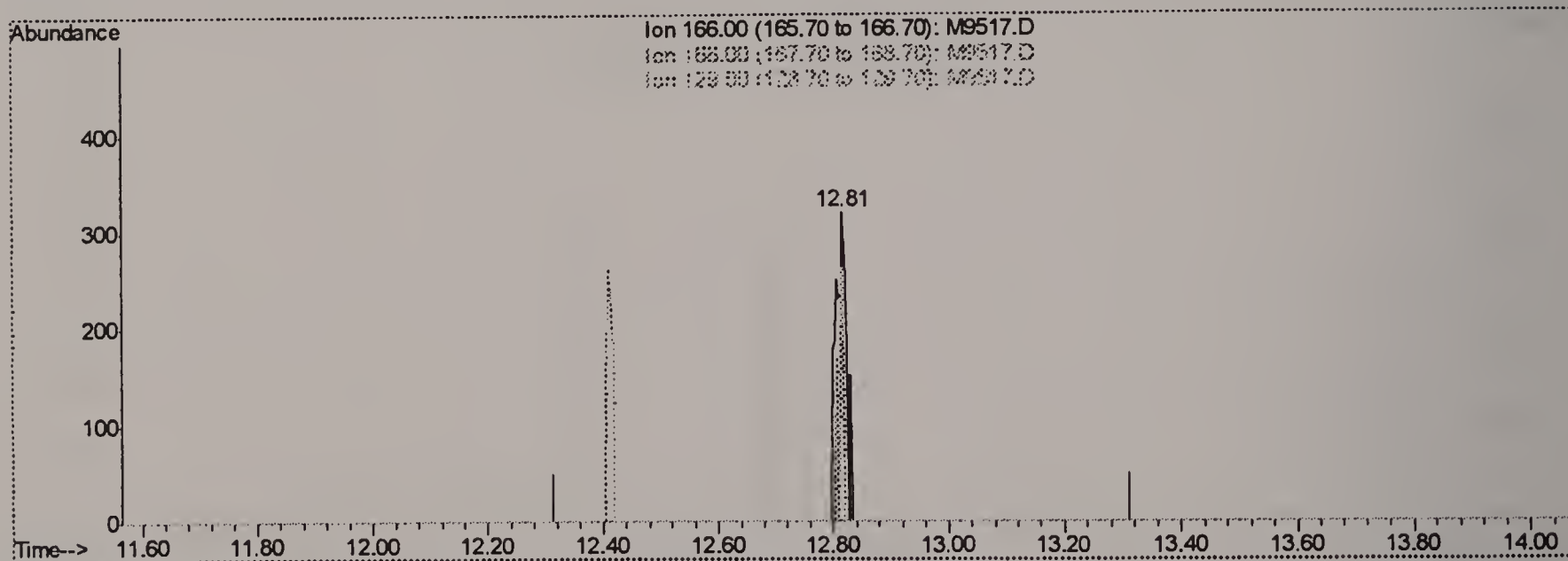
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(69) tetrachloroethene (M)

12.81min 0.65ug/L m

response 426

Ion	Exp%	Act%
166.00	100	100
168.00	47.80	0.00#
129.00	77.80	86.86
0.00	0.00	0.00

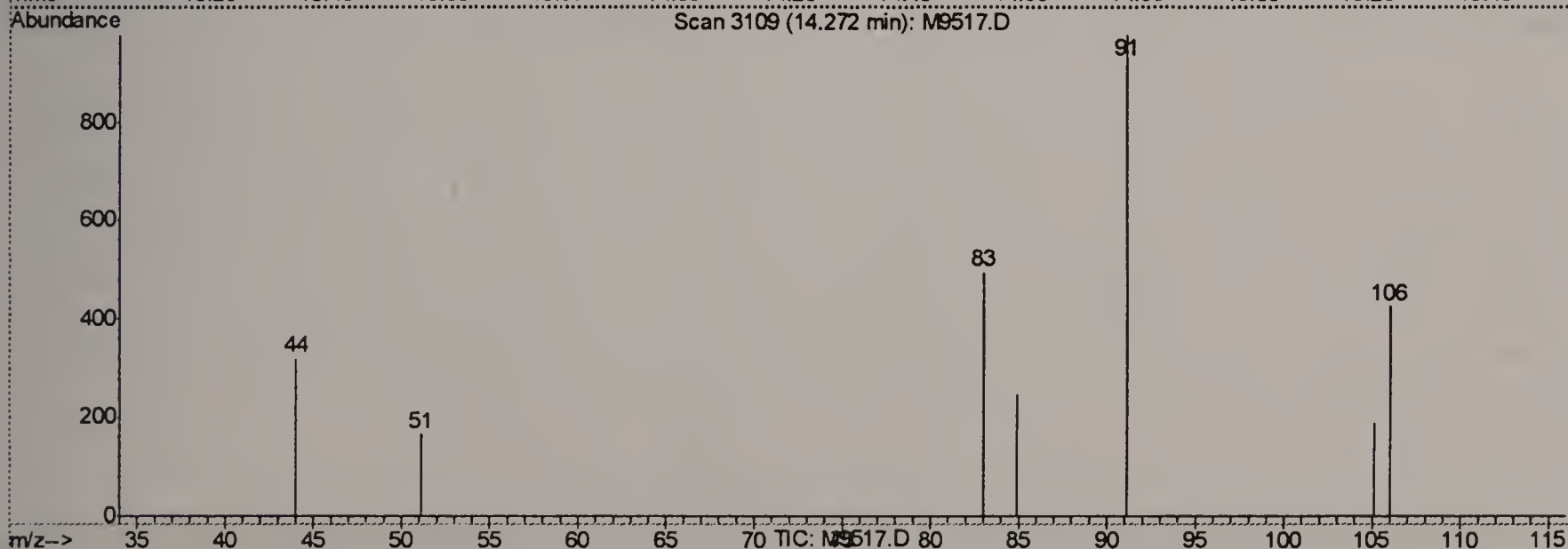
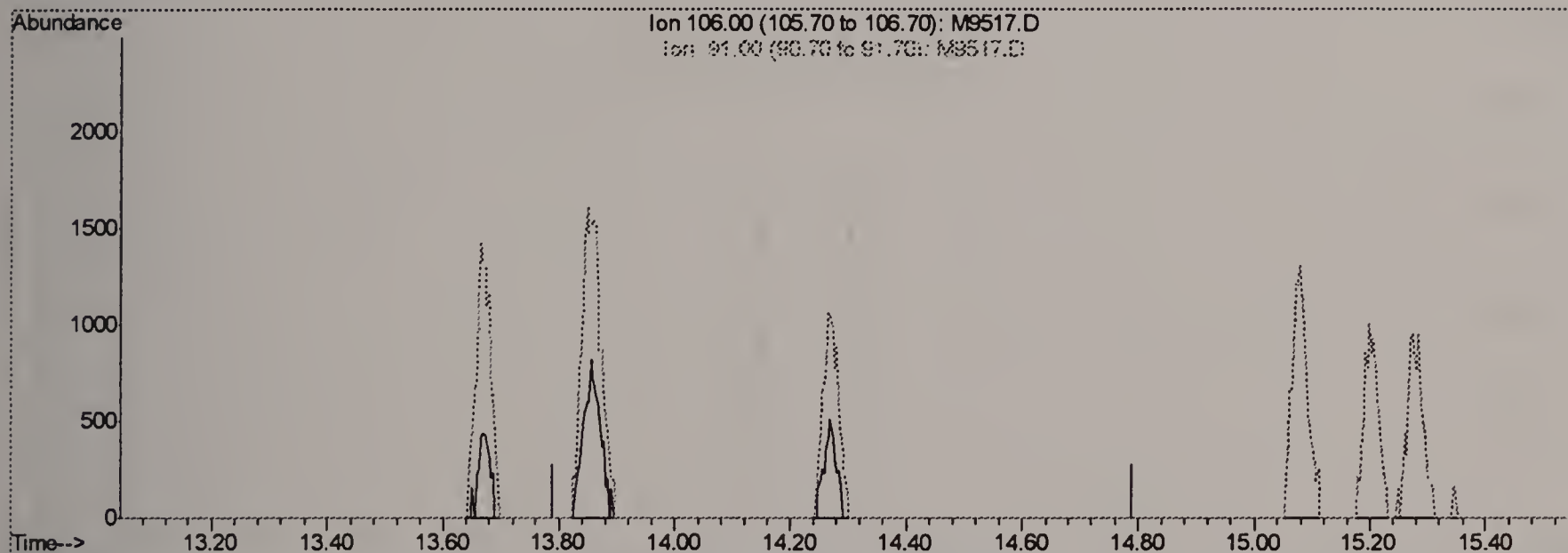
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:18 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(78) o-xylene (M)

14.27min 0.00ug/L

response 0

Ion	Exp%	Act%
106.00	100	0.00
91.00	231.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

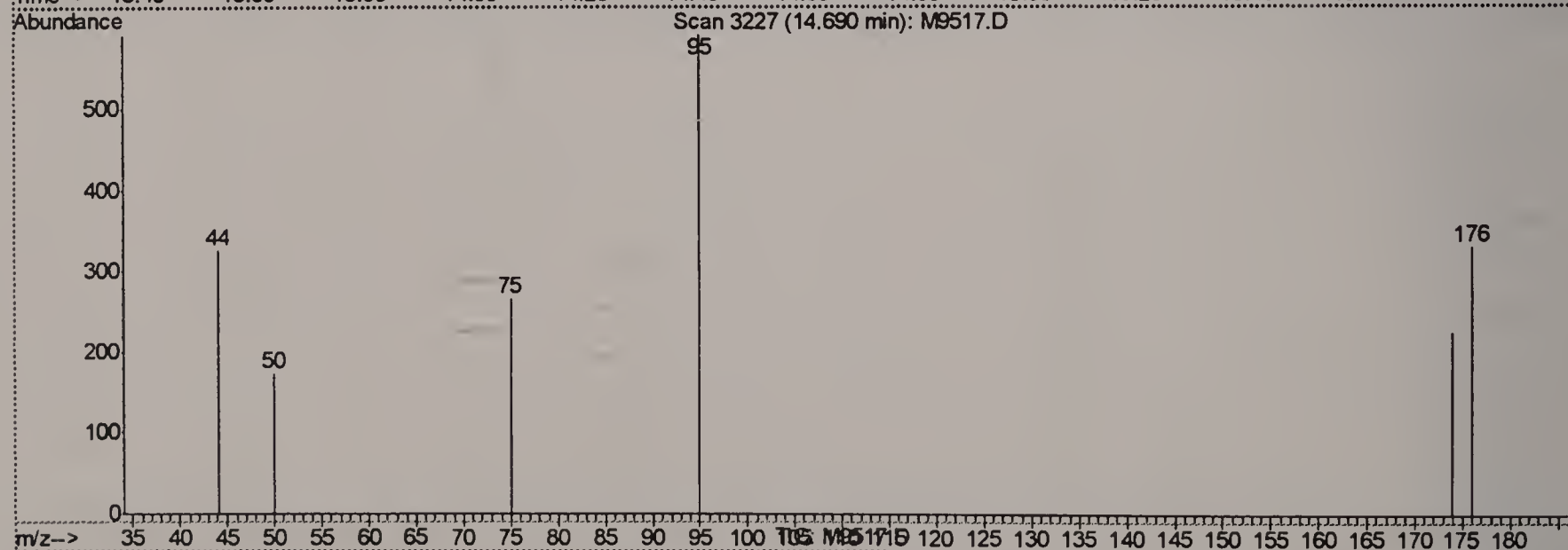
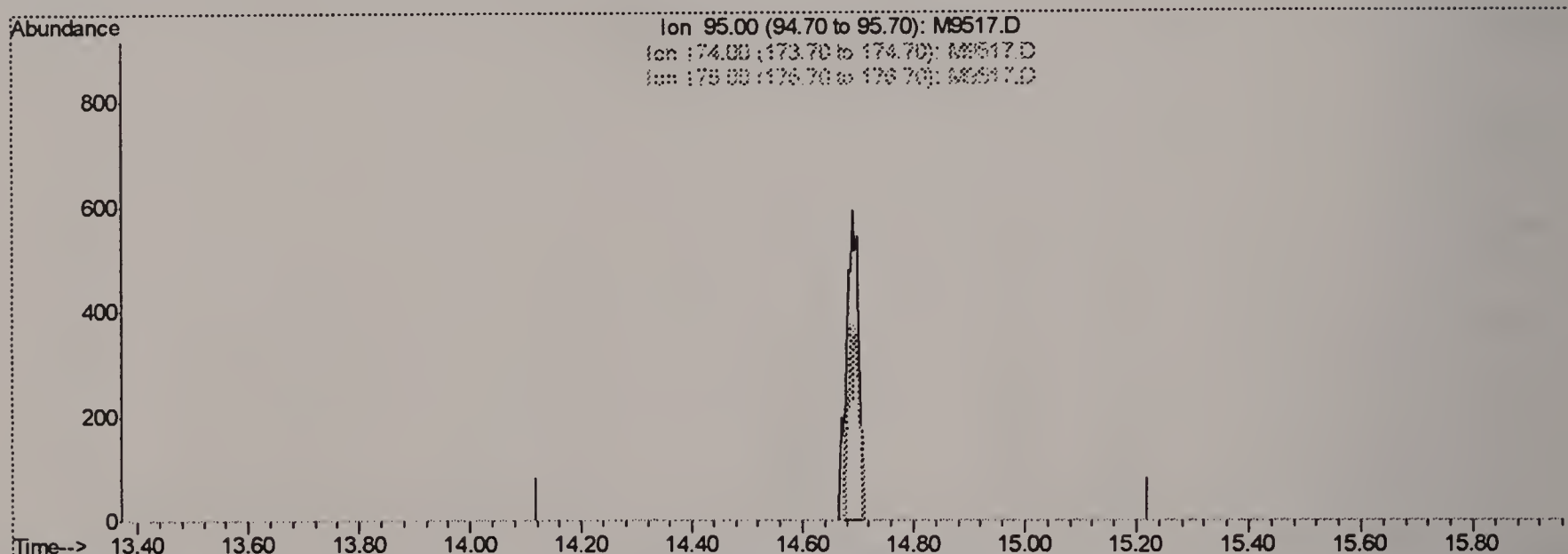
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(84) bromofluorobenzene (s) (S)

14.69min 0.00ug/L

response 0

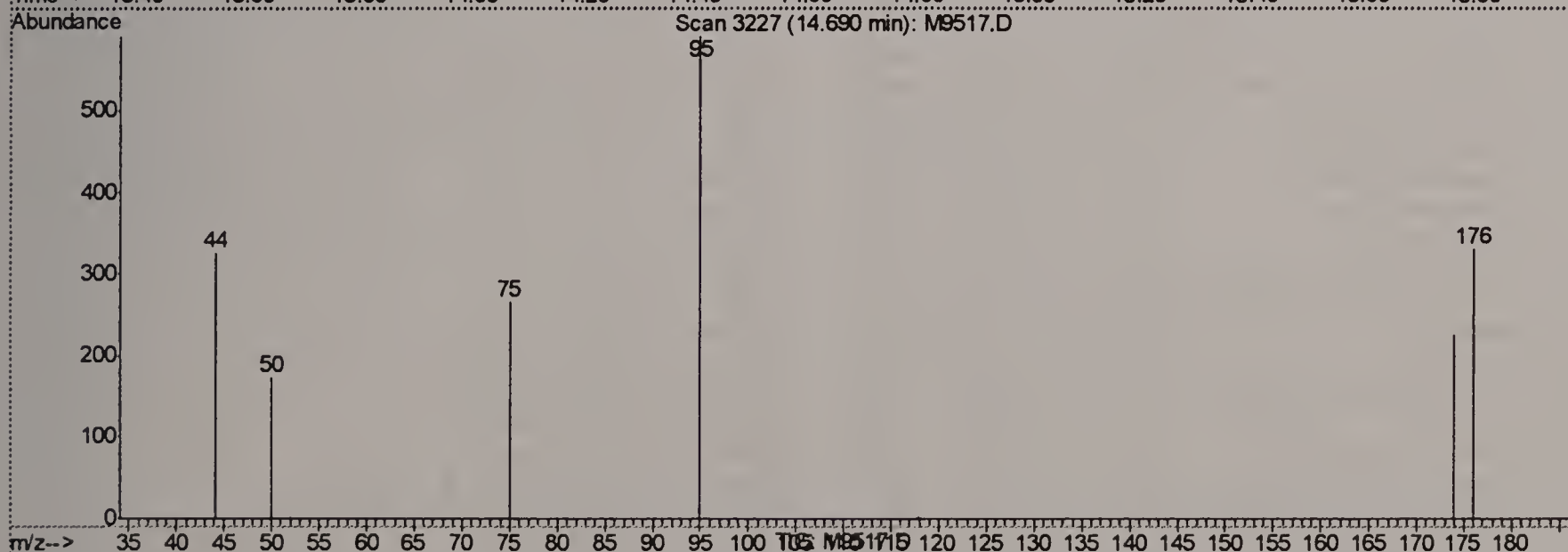
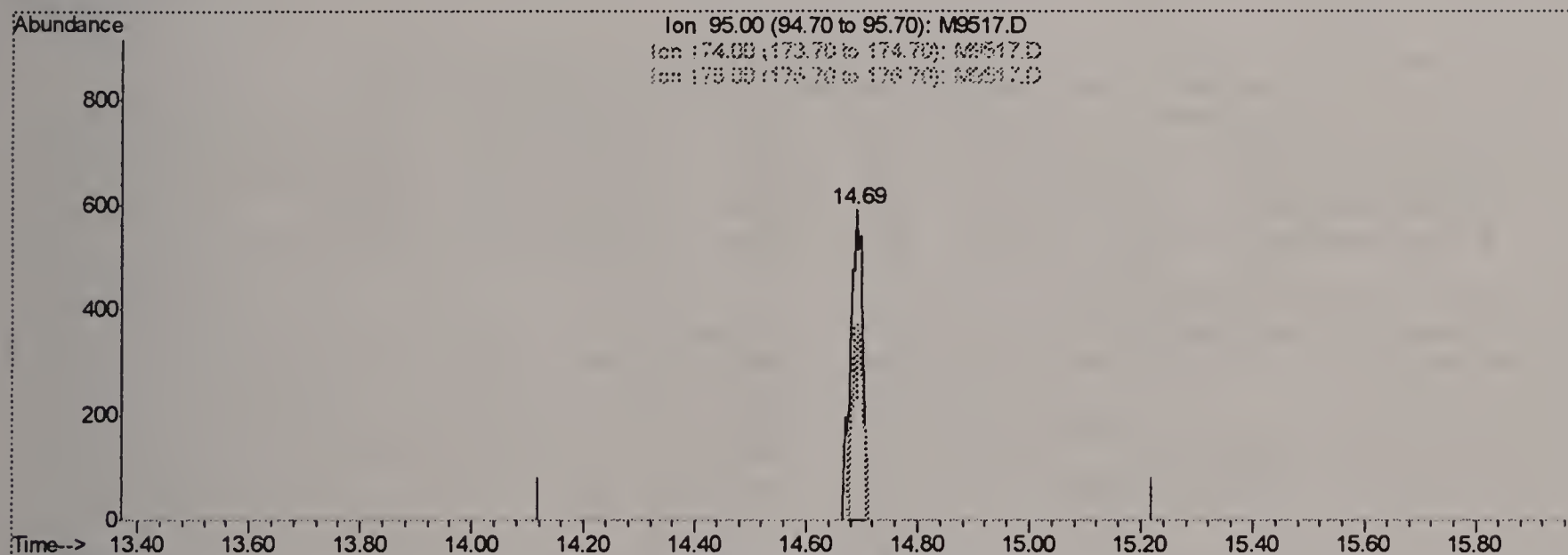
Ion	Exp%	Act%
95.00	100	0.00
174.00	55.60	0.00#
176.00	57.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9517.D
 Acq On : 5 May 2006 8:50 am
 Sample : IC310-0.5,0.5 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 3
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration

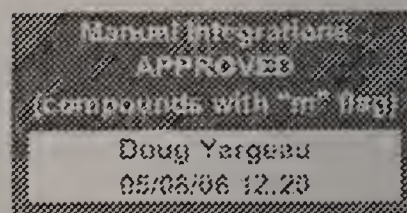


(84) bromofluorobenzene (s) (S)

14.69min 0.65ug/L m

response 903

Ion	Exp%	Act%
95.00	100	100
174.00	55.60	38.24
176.00	57.90	56.01
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 05 12:16:02 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.85	65	40101	500.00	ug/L	0.00
3) pentafluorobenzene	9.32	168	56235	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	109423	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	67751	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	48050	50.00	ug/L	0.00

System Monitoring Compounds

41) dibromofluoromethane (s)	8.96	113	820m	1.24	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	2.48%#
62) toluene-d8 (s)	12.00	98	3071	0.98	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	1.96%#
84) bromofluorobenzene (s)	14.69	95	1063	0.75	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	1.50%#

Target Compounds

						Qvalue
2) tertiary butyl alcohol	6.94	59	973m	8.77	ug/L	
4) Ethanol	5.68	45	1568	167.52	ug/L #	38
6) dichlorodifluoromethane	4.46	85	747m	1.50	ug/L	
7) chloromethane	4.73	50	1133	1.45	ug/L	92
8) vinyl chloride	4.99	62	1124	1.65	ug/L #	15
9) bromomethane	5.52	96	482m	1.30	ug/L	
10) chloroethane	5.69	64	440m	1.34	ug/L	
11) ethyl ether	6.59	59	608m	1.13	ug/L	
12) acetonitrile	6.34	41	190m	2.96	ug/L	
13) trichlorofluoromethane	6.35	101	1088	1.37	ug/L	96
14) freon-113	7.14	101	582m	1.27	ug/L	
15) acrolein	6.34	56	901m	5.59	ug/L	
16) 1,1-dichloroethene	6.95	96	700m	1.49	ug/L	
17) acetone	6.48	43	904m	3.45	ug/L	
18) Methyl Acetate	7.12	43	1589	1.72	ug/L	72
19) methylene chloride	7.09	84	1078	1.81	ug/L #	77
20) methyl tert butyl ether	7.89	73	2136	1.00	ug/L	87
21) acrylonitrile	6.99	53	1862	6.66	ug/L	92
22) allyl chloride	7.19	41	1205	1.96	ug/L	88
23) trans-1,2-dichloroethene	7.80	96	1017m	1.44	ug/L	
24) iodomethane	7.01	142	262m	0.88	ug/L	
25) carbon disulfide	7.39	76	2621	1.52	ug/L	84
27) vinyl acetate	8.16	43	1475	1.26	ug/L	77
28) chloroprene	8.43	53	831m	0.74	ug/L	
29) di-isopropyl ether	8.46	45	2696	0.92	ug/L	74
30) methacrylonitrile	8.58	41	437m	0.72	ug/L	
33) 1,1-dichloroethane	8.06	63	1604	1.13	ug/L	87
34) tert-butyl ethyl ether	8.86	59	1647	0.78	ug/L	92
35) isobutyl alcohol	8.89	43	77m	1.68	ug/L	
36) 2,2-dichloropropane	8.92	77	1055	1.07	ug/L	56
37) cis-1,2-dichloroethene	8.63	96	1070	1.31	ug/L #	62
39) bromochloromethane	8.80	128	120m	0.44	ug/L	
40) chloroform	8.84	83	1616	1.26	ug/L	81
43) 1,1,1-trichloroethane	9.59	97	1100	1.08	ug/L	88
45) Cyclohexane	9.88	56	1342	0.80	ug/L	80

(#) = qualifier out of range (m) = manual integration

M9518.D M050506.M

Fri May 05 12:24:26 2006

RPT1

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 05 12:16:02 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
46) carbon tetrachloride	9.96	117	640m	0.85	ug/L	
47) 1,1-dichloropropene	9.77	75	1078	0.93	ug/L	95
48) benzene	10.00	78	3741	1.12	ug/L	90
49) 1,2-dichloroethane	9.49	62	1244	1.08	ug/L	76
50) tert-amyl methyl ether	10.11	73	1306	0.76	ug/L	88
51) heptane	10.47	43	963m	0.79	ug/L	
52) trichloroethene	10.62	95	795m	0.91	ug/L	
53) 1,2-dichloropropane	10.58	63	848m	0.88	ug/L	
54) dibromomethane	10.56	93	456m	1.00	ug/L	
55) 2-Nitropropane	10.47	43	963m	0.79	ug/L	
56) bromodichloromethane	10.67	83	973m	0.95	ug/L	
57) Methylcyclohexane	11.14	83	1081	0.74	ug/L	88
59) methyl methacrylate	10.76	69	353m	0.52	ug/L	
61) cis-1,3-dichloropropene	11.29	75	1064	0.79	ug/L	58
63) 4-methyl-2-pentanone	11.38	43	630m	0.60	ug/L	
64) toluene	12.07	92	1967	0.90	ug/L	91
65) trans-1,3-dichloropropene	11.71	75	863m	0.81	ug/L	
66) 1,1,2-trichloroethane	11.88	83	641m	0.94	ug/L	
67) ethyl methacrylate	12.08	69	557m	0.48	ug/L	
69) tetrachloroethene	12.81	166	633m	0.97	ug/L	
70) 1,3-dichloropropane	12.12	76	1510	1.03	ug/L	92
71) dibromochloromethane	12.41	129	351m	0.61	ug/L	
72) 1,2-dibromoethane	12.24	107	235m	0.32	ug/L	
73) 2-hexanone	12.24	43	235m	0.32	ug/L	
74) chlorobenzene	13.50	112	2660	1.17	ug/L	88
75) 1,1,1,2-tetrachloroethane	13.41	131	483m	0.81	ug/L	
76) ethylbenzene	13.67	91	3470	0.84	ug/L	99
77) m,p-xylene	13.86	106	2445	1.66	ug/L #	80
78) o-xylene	14.27	106	1116	0.78	ug/L	85
79) styrene	14.20	104	1362	0.53	ug/L	94
81) trans-1,4-dichloro-2-buten	14.41	53	37m	0.13	ug/L	
83) isopropylbenzene	14.63	105	2522	0.74	ug/L	95
85) bromobenzene	14.93	156	633m	0.81	ug/L	
86) 1,1,2,2-tetrachloroethane	14.27	83	965m	0.92	ug/L	
87) 1,2,3-trichloropropane	14.41	75	1075	0.83	ug/L	84
88) n-propylbenzene	15.08	91	3420	0.70	ug/L	96
89) 2-chlorotoluene	15.20	91	2458	0.81	ug/L	87
90) 4-chlorotoluene	15.28	91	2314	0.75	ug/L	98
91) 1,3,5-trimethylbenzene	15.35	105	2003	0.66	ug/L	92
92) tert-butylbenzene	15.66	91	1414	0.72	ug/L	98
93) 1,2,4-trimethylbenzene	15.76	105	1933	0.66	ug/L	87
95) sec-butylbenzene	15.88	105	2935	0.74	ug/L	94
96) 1,3-dichlorobenzene	15.99	146	1473	0.96	ug/L	91
97) p-isopropyltoluene	16.05	119	2330	0.84	ug/L	91
98) o-Isopropyltoluene	16.26	119	2149	0.69	ug/L	91
99) 1,4-dichlorobenzene	15.99	146	1473	0.96	ug/L	86
100) 1,2-dichlorobenzene	16.43	146	1244	0.83	ug/L	84
101) n-butylbenzene	16.47	91	2128	0.73	ug/L	99
103) 1,2,4-trichlorobenzene	18.27	180	857m	0.98	ug/L	

(#) = qualifier out of range (m) = manual integration

M9518.D M050506.M

Fri May 05 12:24:26 2006

RPT1

Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9518.D Vial: 4
 Acq On : 5 May 2006 9:18 am Operator: sandrac
 Sample : IC310-1,1 PPB STD Inst : MSM
 Misc : msl1317,msm310,10,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 05 12:16:02 2006 Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
104) hexachlorobutadiene	18.56	225	256m	0.70	ug/L	
105) naphthalene	18.55	128	2535	1.07	ug/L	100
106) 1,2,3-trichlorobenzene	18.76	180	830m	0.95	ug/L	

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9518.D M050506.M Fri May 05 12:24:26 2006 RPT1

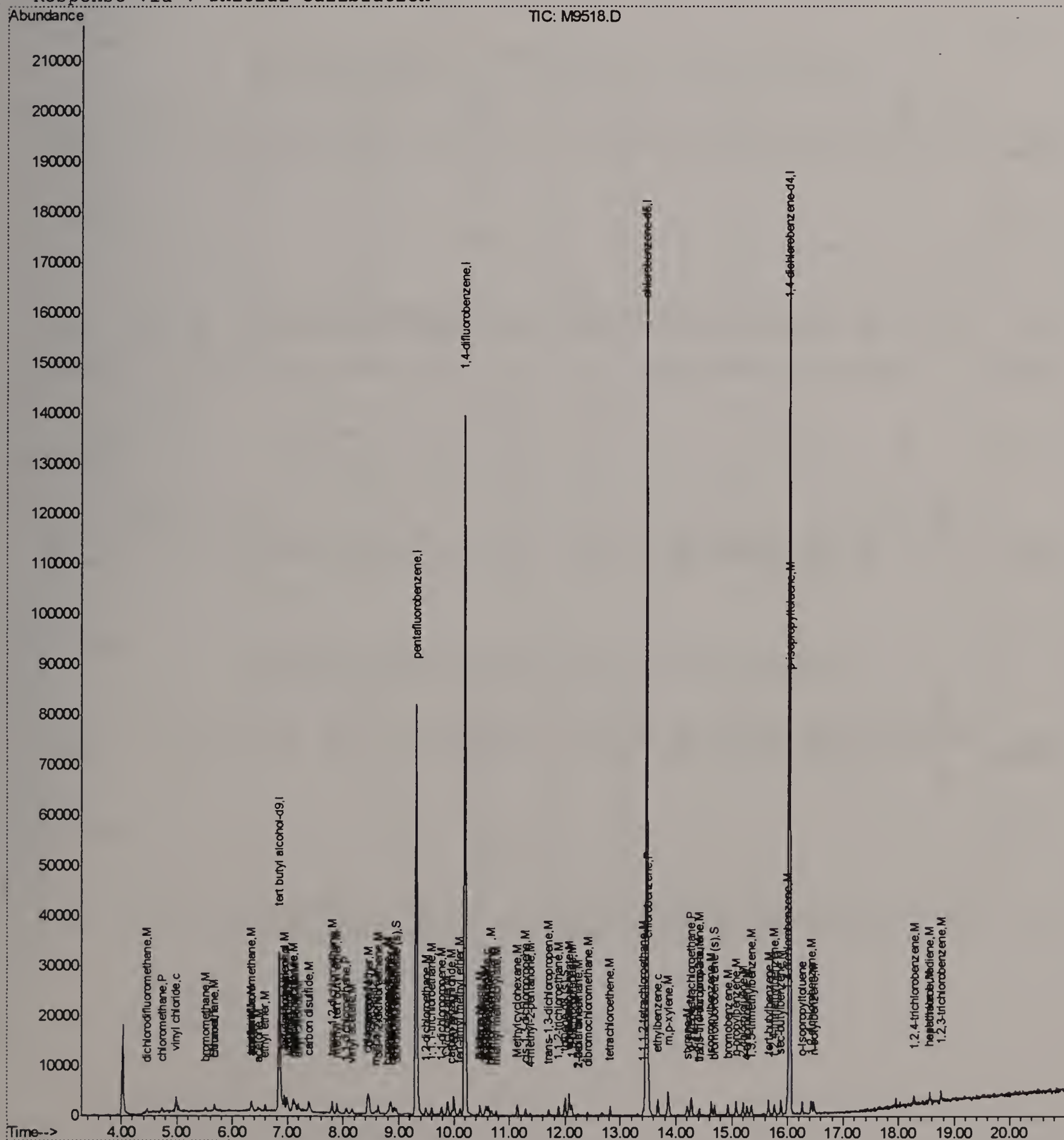
(QT Reviewed)

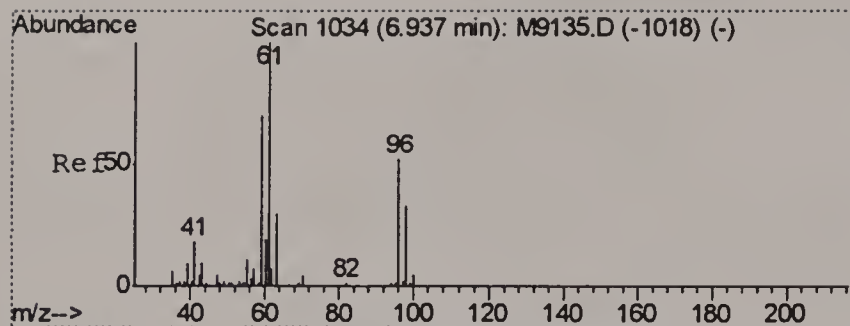
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      Vial: 4
Operator: sandrac
Inst      : MSM
Multiplr: 1.00
ults File: M050506.RES

```

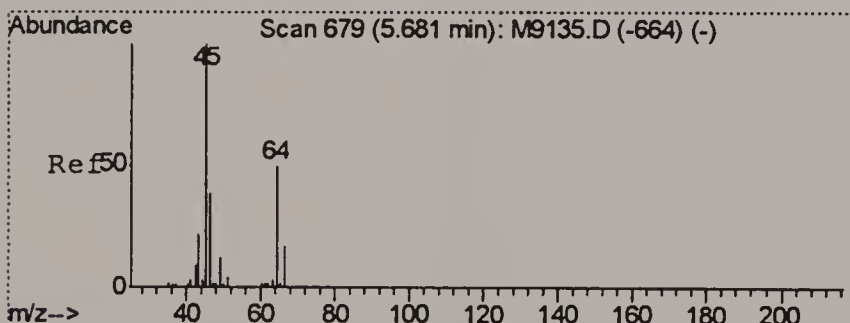
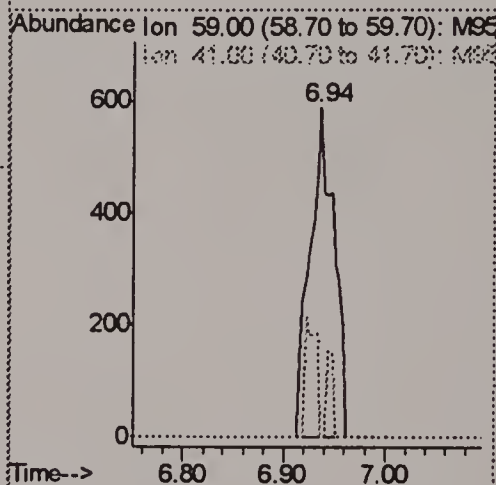
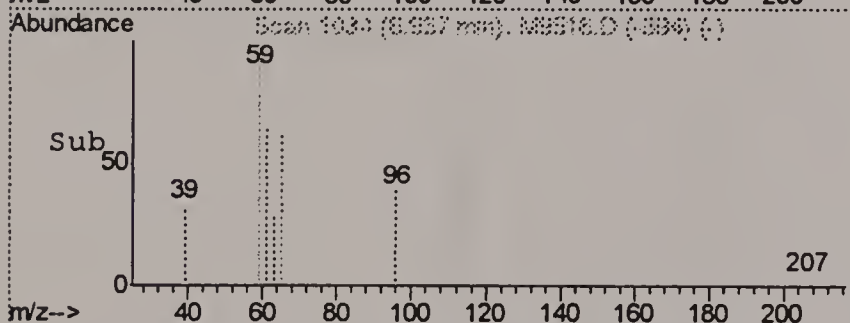
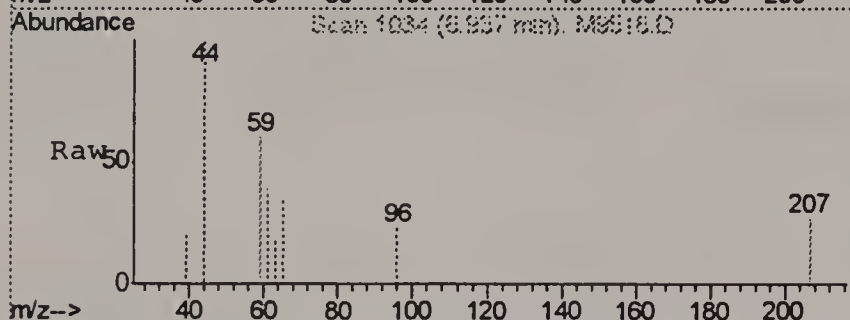
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Method       : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update   : Fri May 05 12:15:44 2006
Response via  : Initial Calibration
```





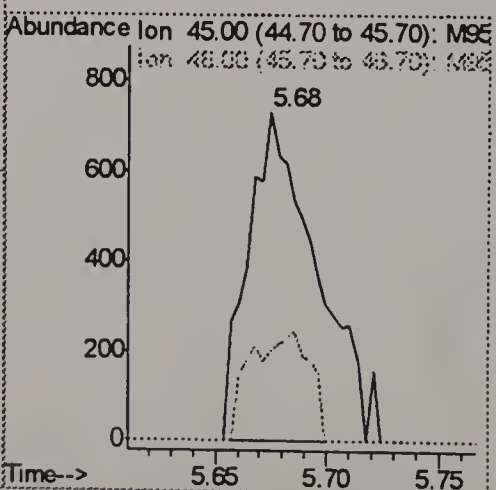
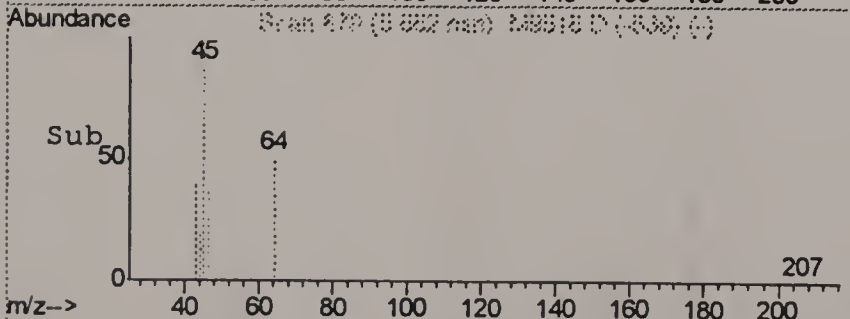
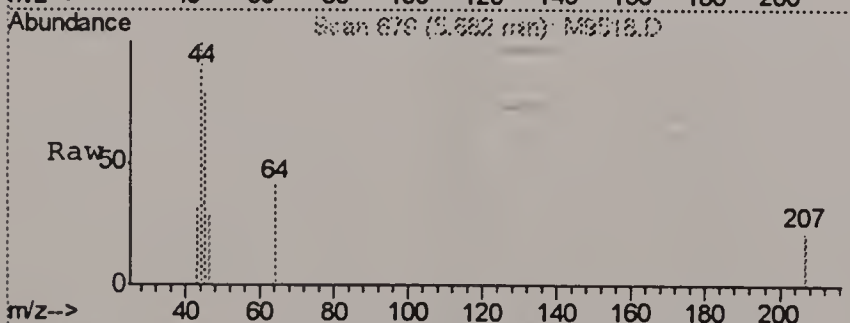
#2
 tertiary butyl alcohol
 Concen: 8.77 ug/L m
 RT: 6.94 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

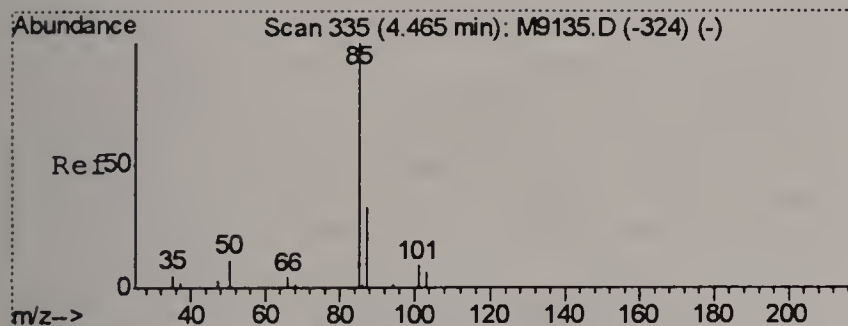
Tgt Ion: 59 Resp: 973
 Ion Ratio Lower Upper
 59 100
 41 0.0 0.0 48.9



#4
 Ethanol
 Concen: 167.52 ug/L
 RT: 5.68 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

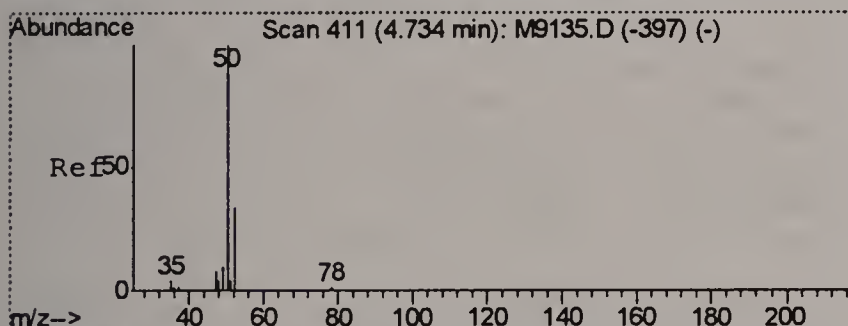
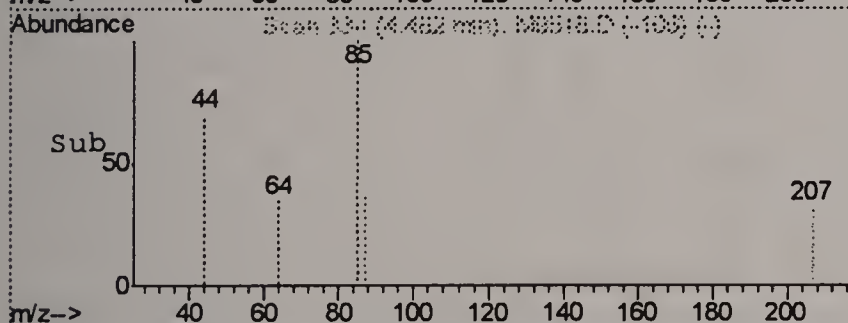
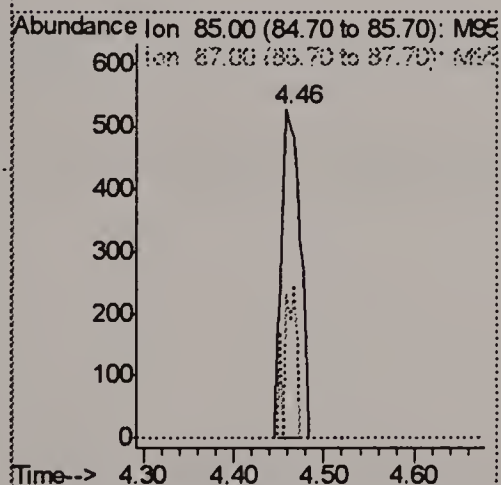
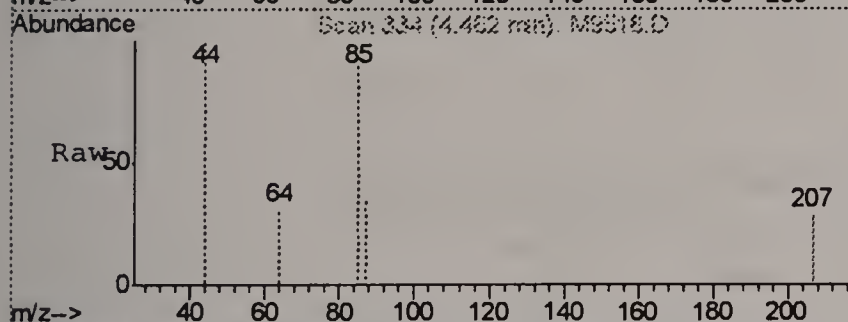
Tgt Ion: 45 Resp: 1568
 Ion Ratio Lower Upper
 45 100
 46 0.0 7.0 67.0#





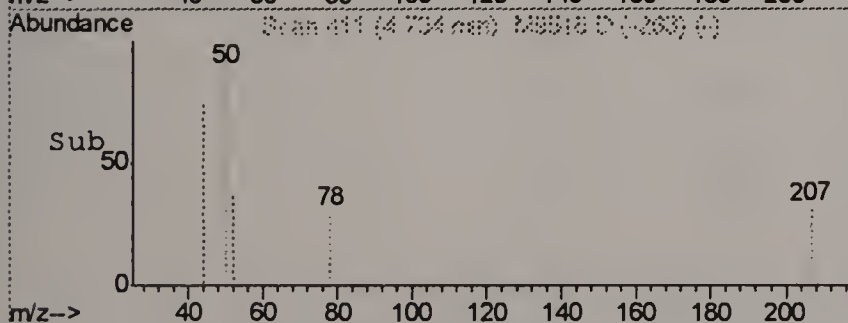
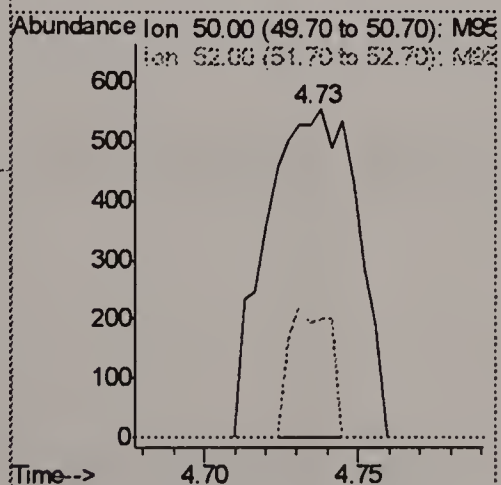
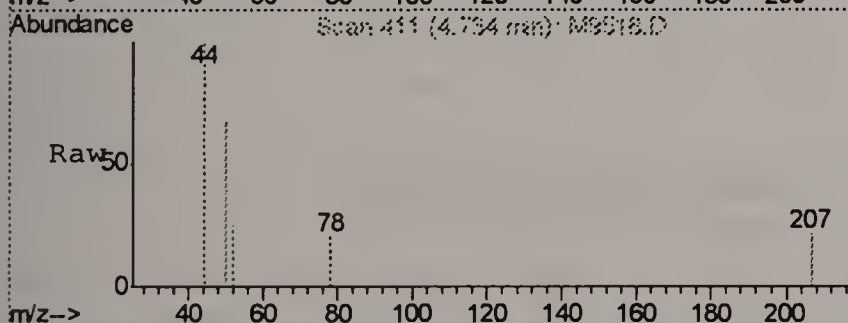
#6
dichlorodifluoromethane
Concen: 1.50 ug/L m
RT: 4.46 min Scan# 334
Delta R.T. -0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

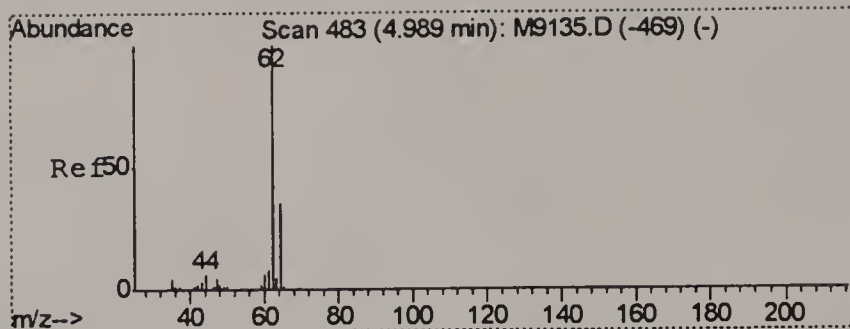
Tgt Ion: 85 Resp: 747
Ion Ratio Lower Upper
85 100
87 38.1 1.6 61.6



#7
chloromethane
Concen: 1.45 ug/L
RT: 4.73 min Scan# 411
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

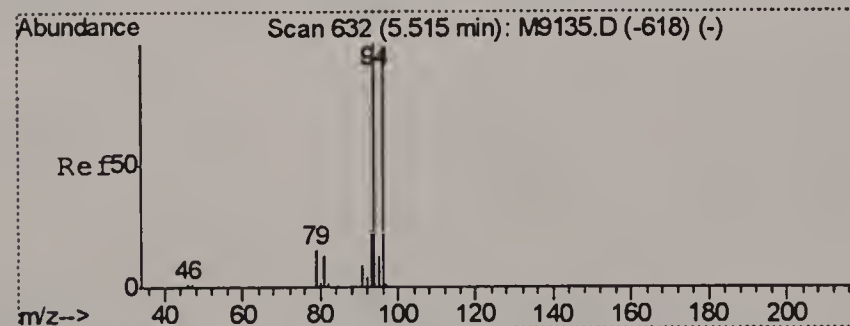
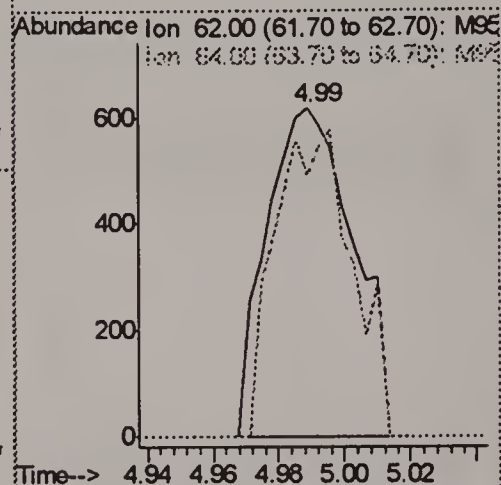
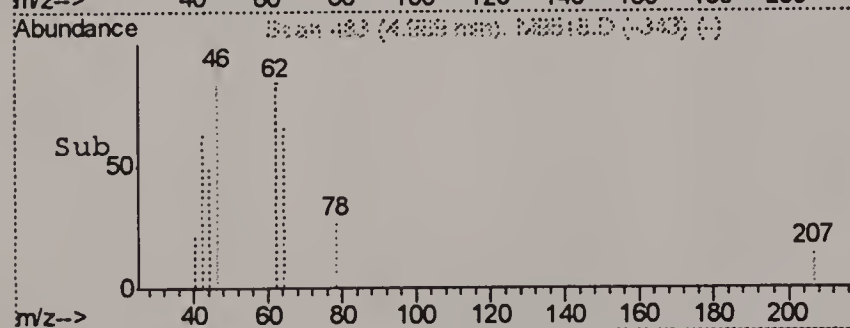
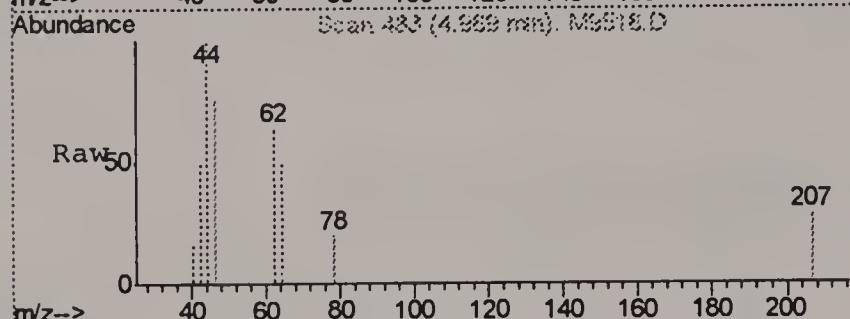
Tgt Ion: 50 Resp: 1133
Ion Ratio Lower Upper
50 100
52 36.7 2.4 62.4





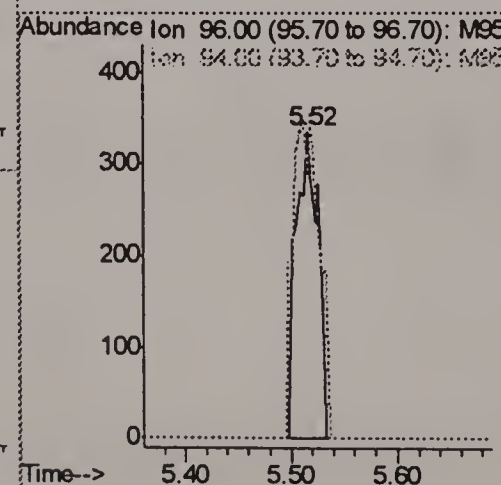
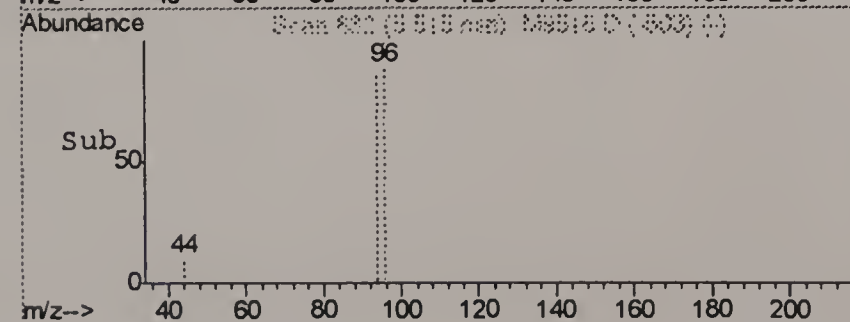
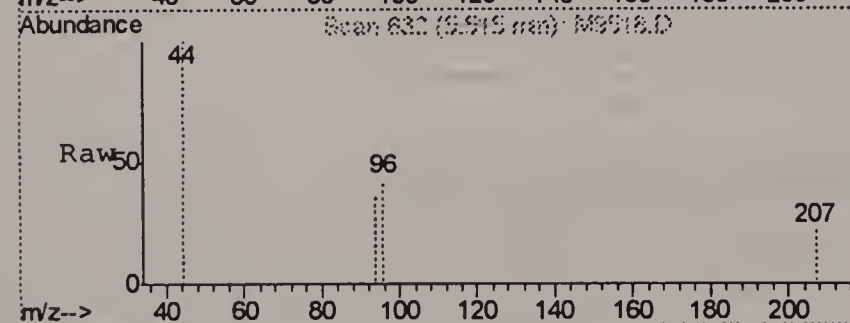
#8
vinyl chloride
Concen: 1.65 ug/L
RT: 4.99 min Scan# 483
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

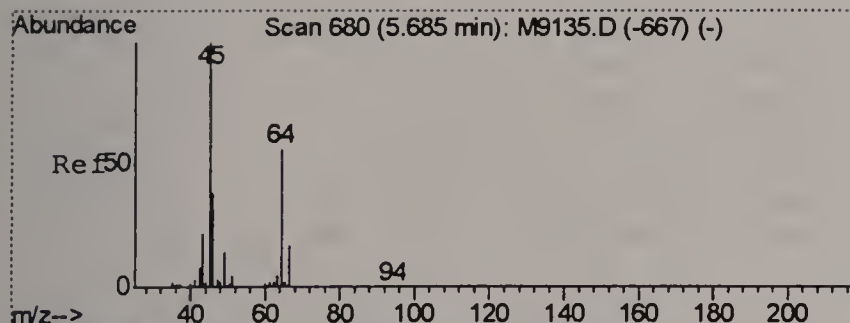
Tgt Ion: 62 Resp: 1124
Ion Ratio Lower Upper
62 100
64 79.3 2.0 62.0#



#9
bromomethane
Concen: 1.30 ug/L m
RT: 5.52 min Scan# 632
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

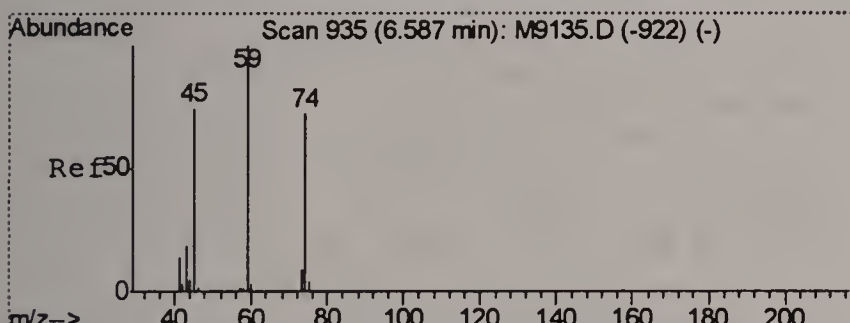
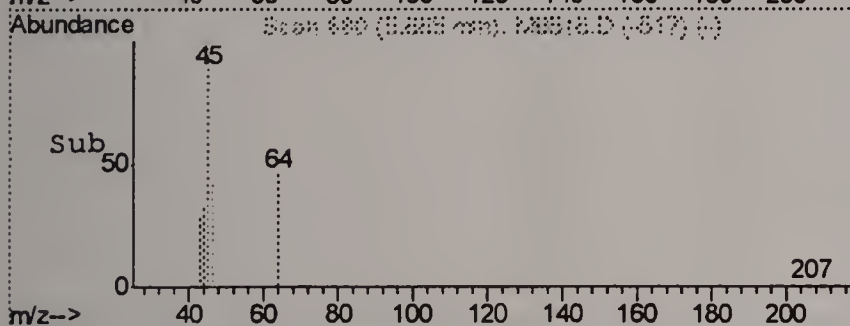
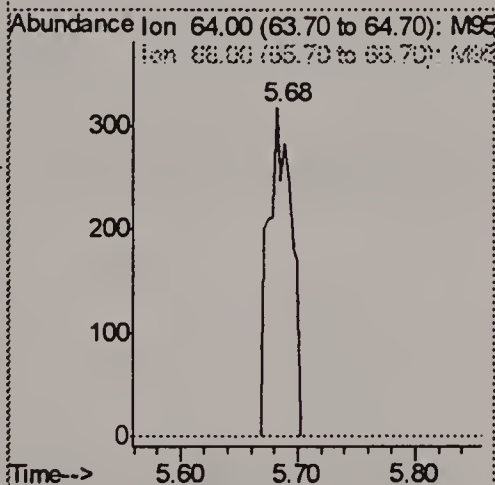
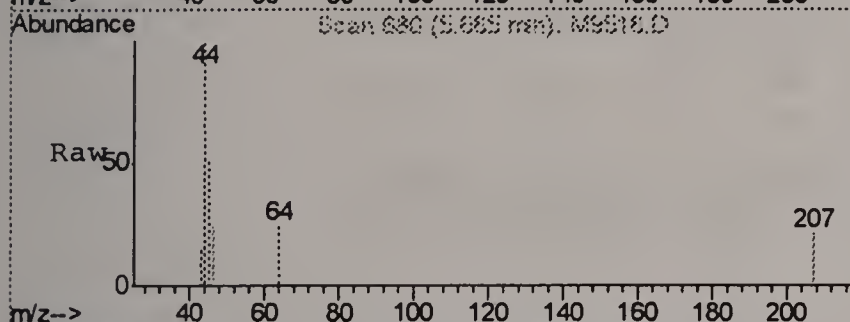
Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
94 86.0 80.9 140.9





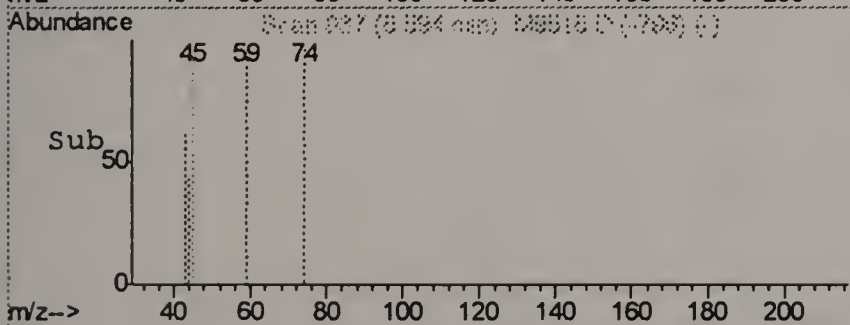
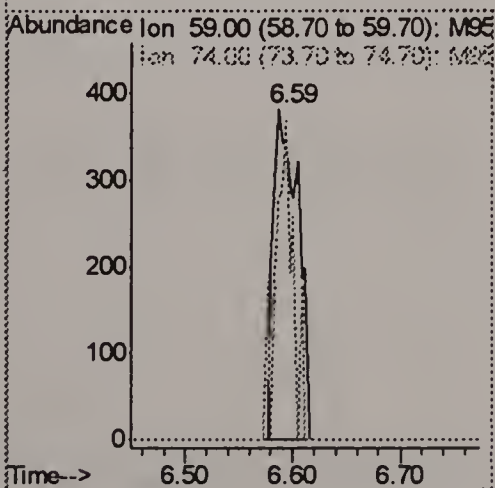
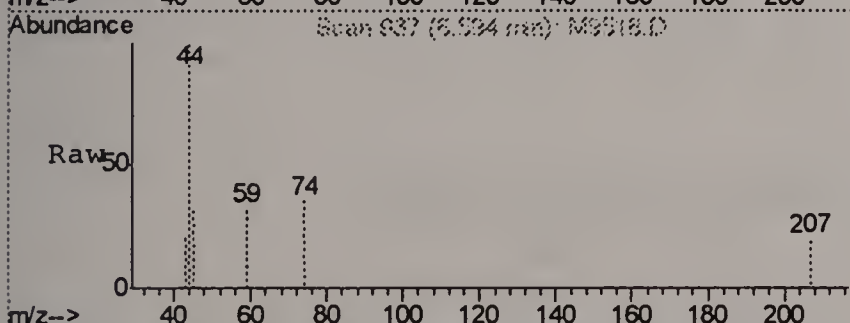
#10
chloroethane
Concen: 1.34 ug/L m
RT: 5.69 min Scan# 680
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

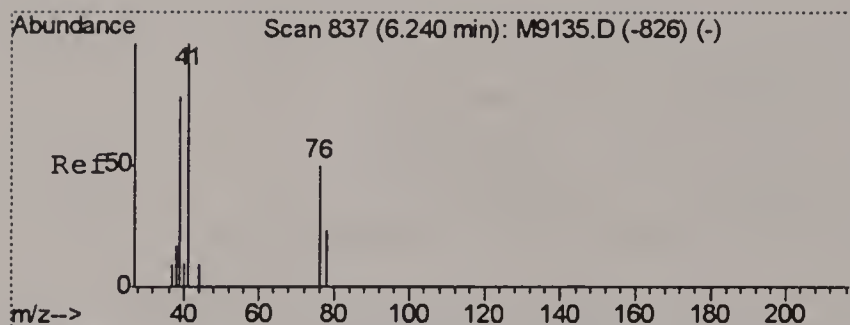
Tgt Ion: 64 Resp: 440
Ion Ratio Lower Upper
64 100
66 0.0 3.1 63.1#



#11
ethyl ether
Concen: 1.13 ug/L m
RT: 6.59 min Scan# 937
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

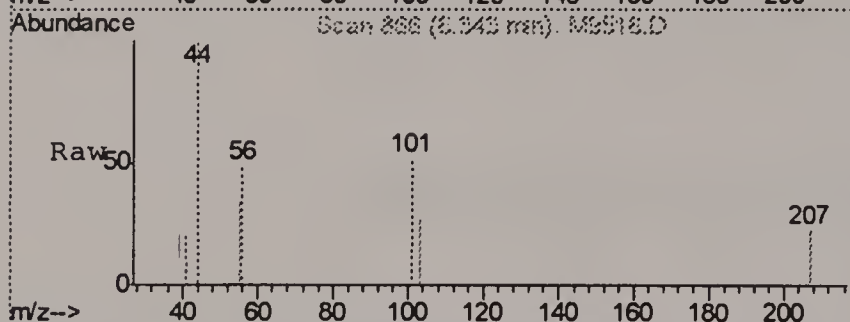
Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
74 108.2 32.9 92.9#



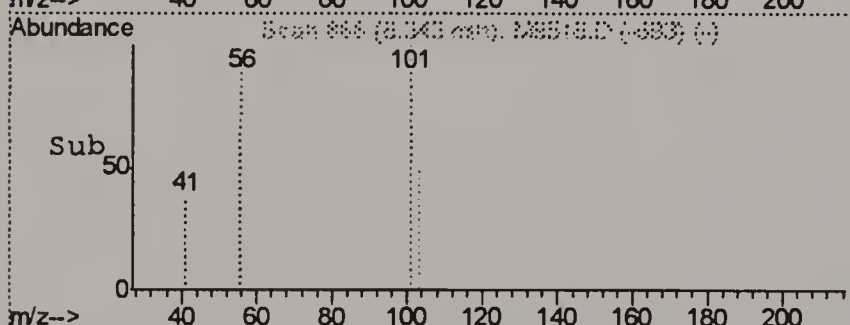
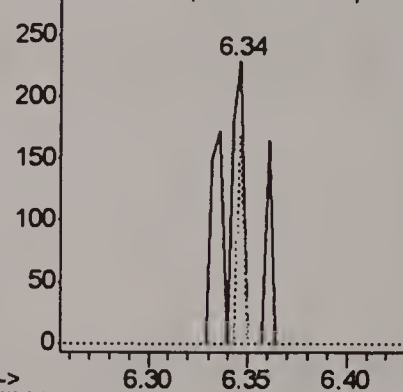


#12
acetonitrile
Concen: 2.96 ug/L m
RT: 6.34 min Scan# 866
Delta R.T. 0.09 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

Tgt Ion: 41 Resp: 190
Ion Ratio Lower Upper
41 100
40 0.0 0.0 48.3
39 0.0 43.1 103.1#

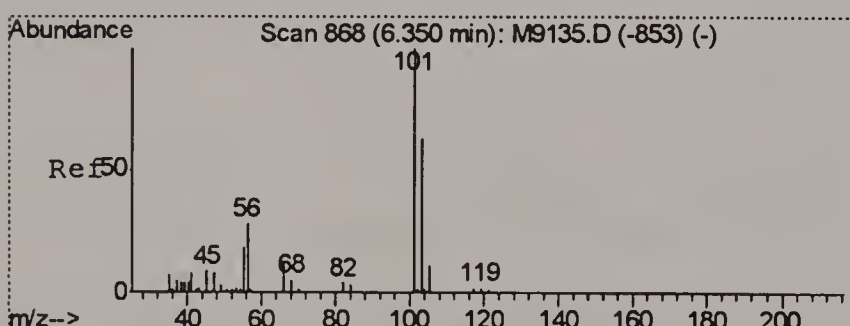


Abundance Ion 41.00 (40.70 to 41.70): M95
Ion 40.00 (39.70 to 40.70): M95
Ion 39.00 (38.70 to 39.70): M95

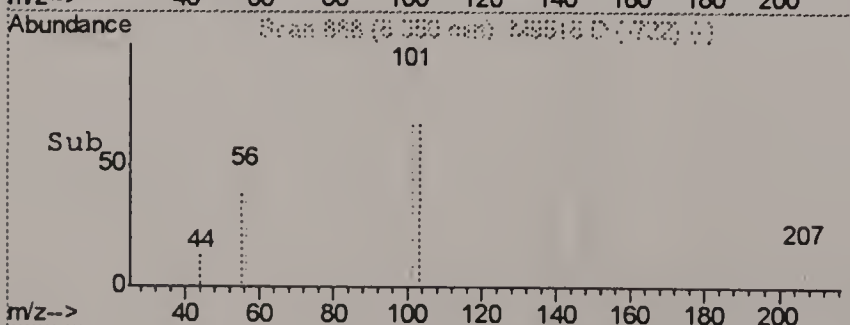
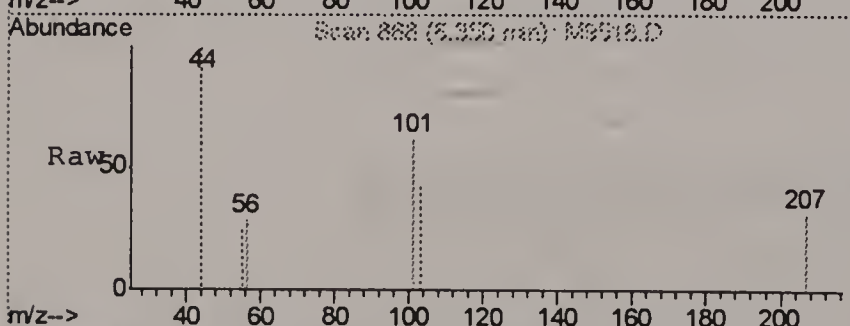
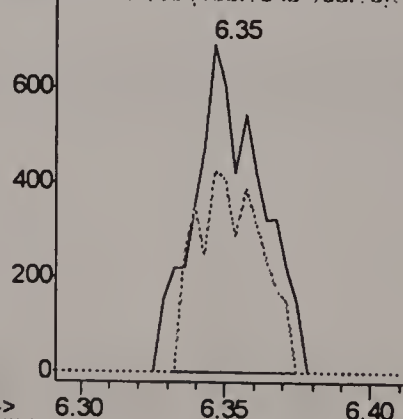


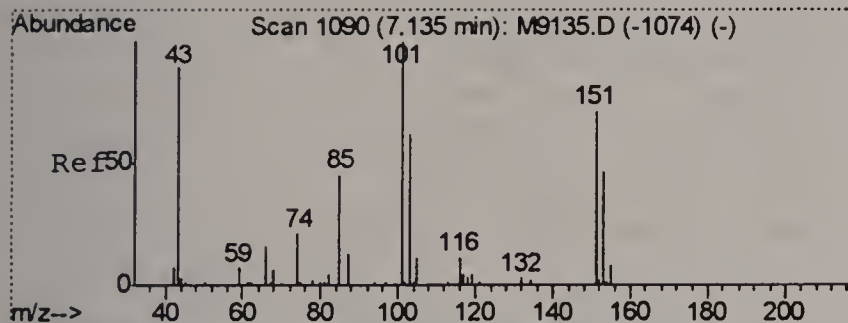
#13
trichlorofluoromethane
Concen: 1.37 ug/L
RT: 6.35 min Scan# 868
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

Tgt Ion: 101 Resp: 1088
Ion Ratio Lower Upper
101 100
103 68.3 35.4 95.4



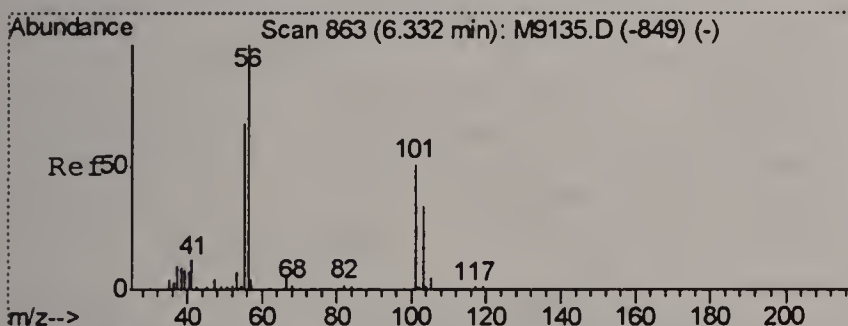
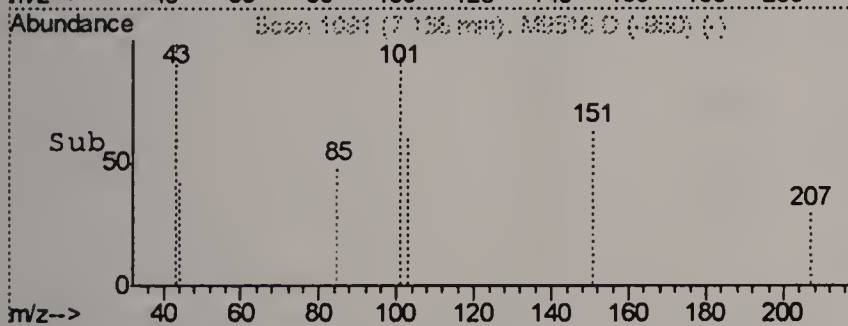
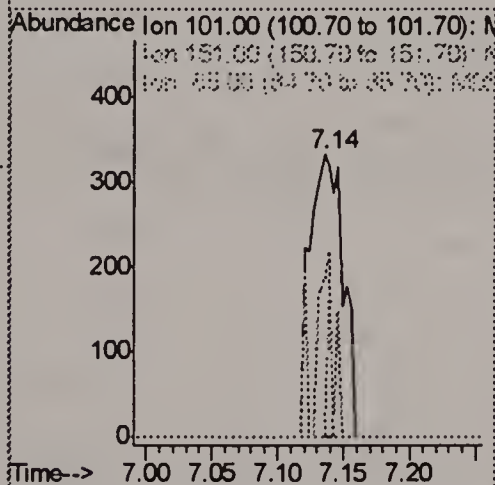
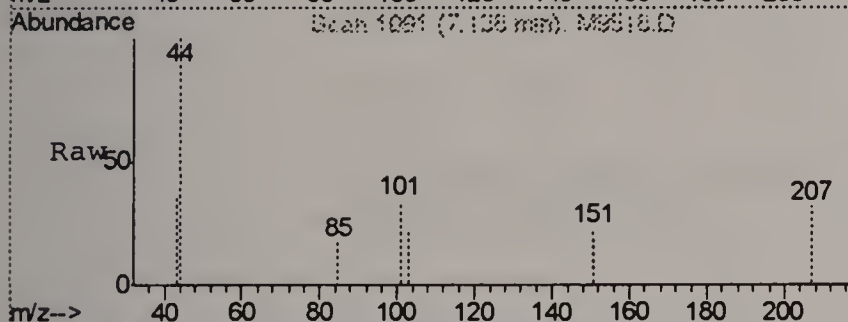
Abundance Ion 101.00 (100.70 to 101.70): M95
Ion 103.00 (102.70 to 103.70): M95





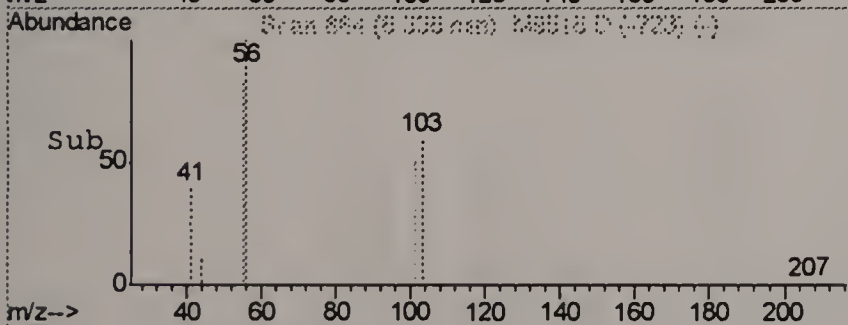
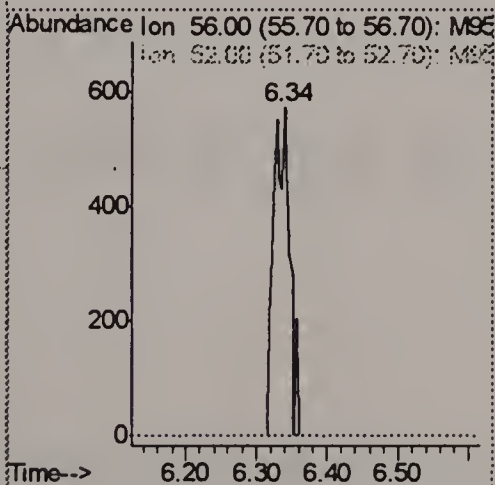
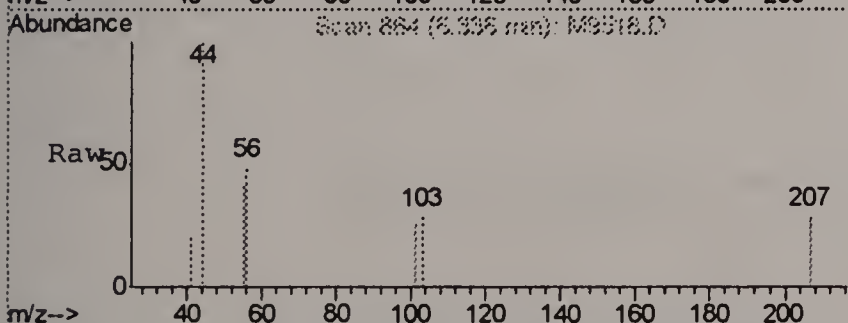
#14
 freon-113
 Concen: 1.27 ug/L m
 RT: 7.14 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

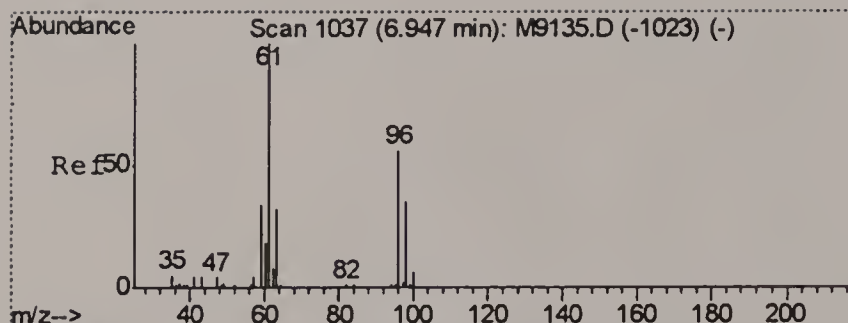
Tgt Ion:	101	Resp:	582
Ion Ratio	Lower	Upper	
101	100		
151	67.7	36.7	96.7
85	51.1	17.9	77.9



#15
 acrolein
 Concen: 5.59 ug/L m
 RT: 6.34 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

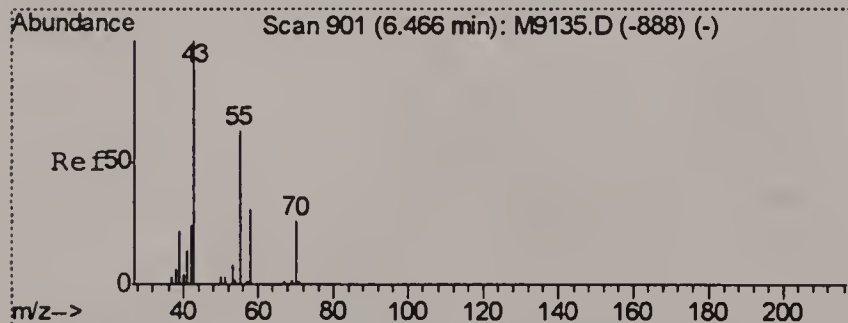
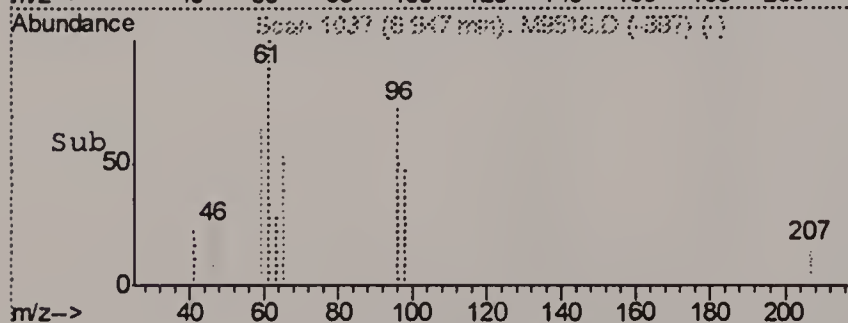
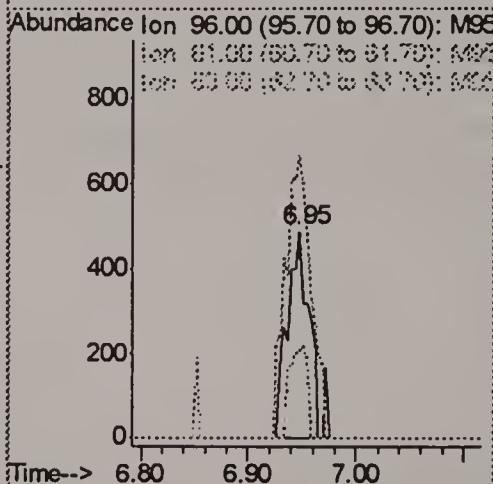
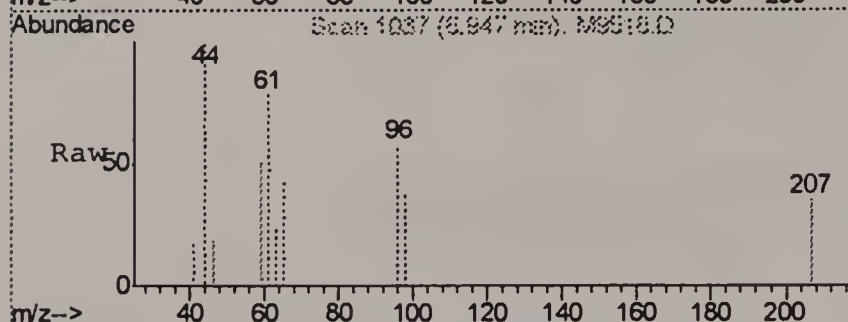
Tgt Ion:	56	Resp:	901
Ion Ratio	Lower	Upper	
56	100		
52	0.0	0.0	31.8





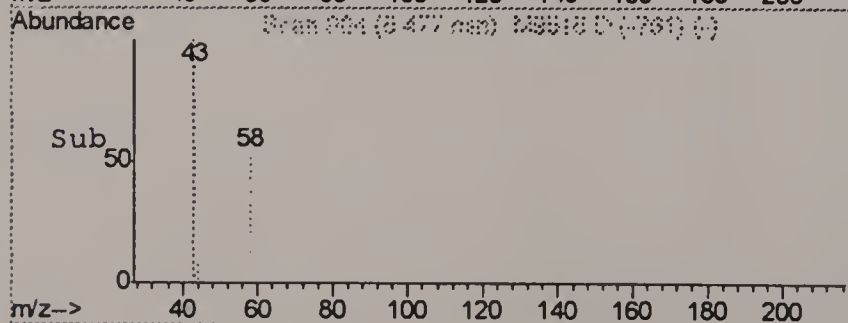
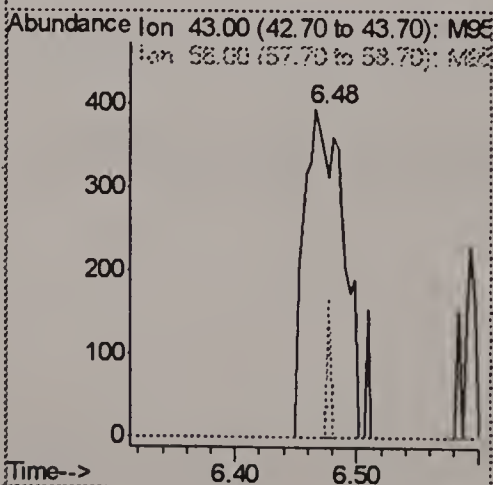
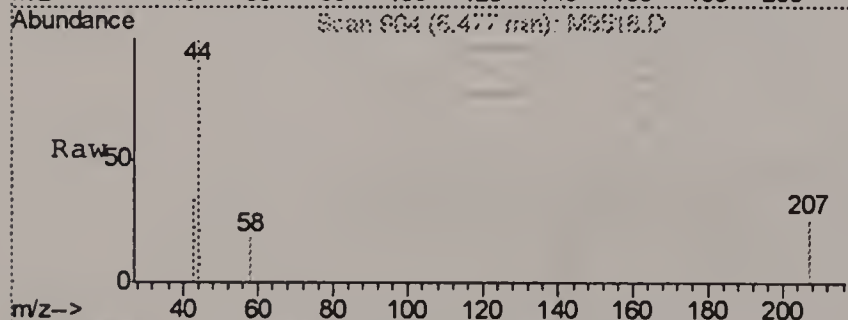
#16
1,1-dichloroethene
Concen: 1.49 ug/L m
RT: 6.95 min Scan# 1037
Delta R.T. -0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

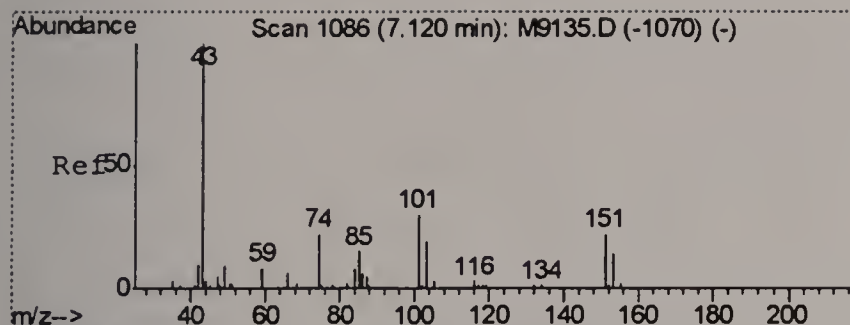
Tgt Ion: 96 Resp: 700
Ion Ratio Lower Upper
96 100
61 137.2 157.1 217.1#
63 41.7 33.7 93.7



#17
acetone
Concen: 3.45 ug/L m
RT: 6.48 min Scan# 904
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

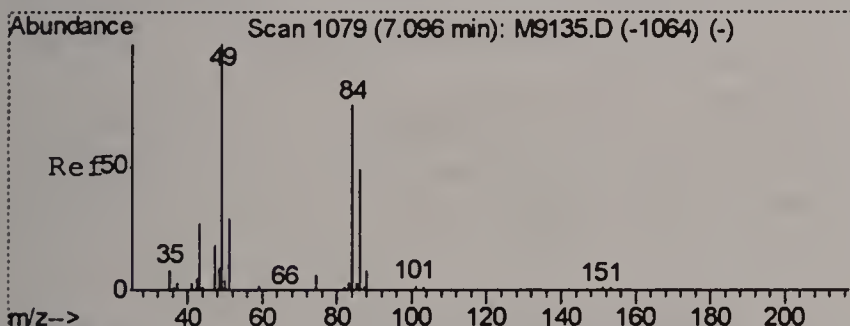
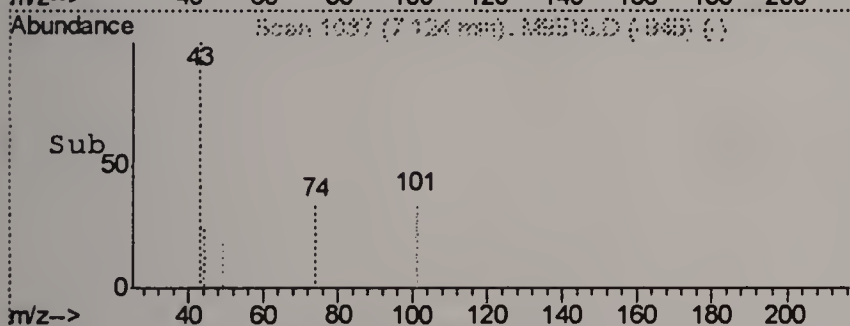
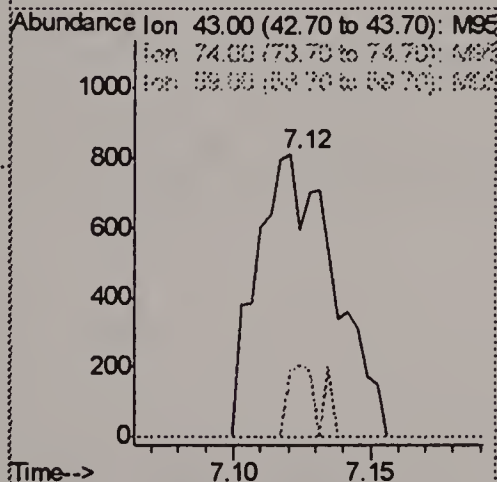
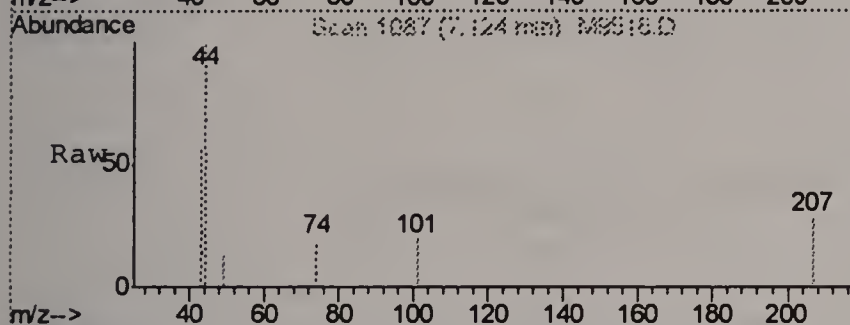
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 53.2 6.3 66.3





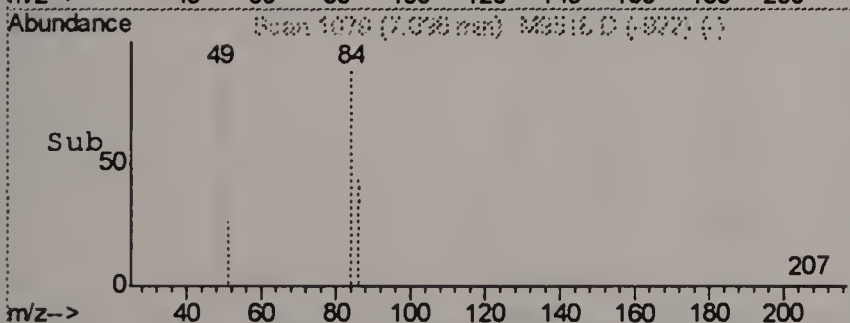
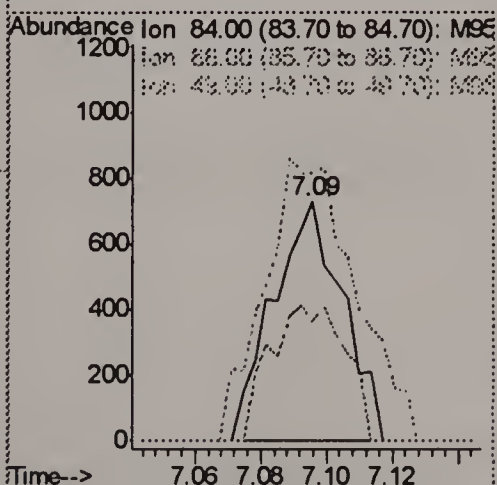
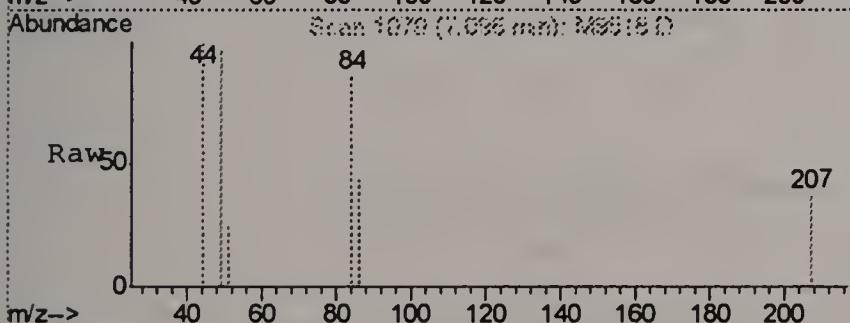
#18
Methyl Acetate
Concen: 1.72 ug/L
RT: 7.12 min Scan# 1087
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

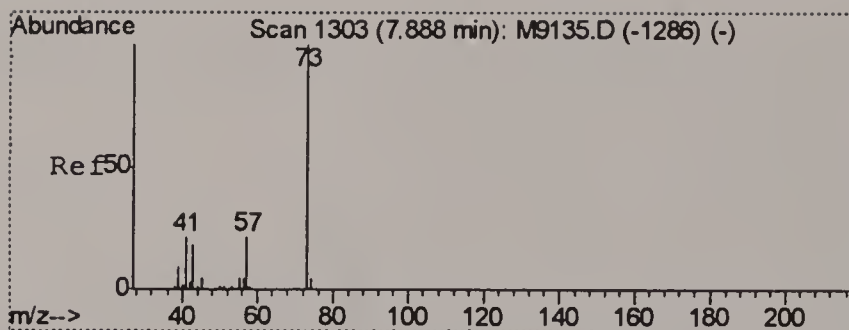
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
74 35.1 1.4 41.4
59 0.0 0.0 28.8



#19
methylene chloride
Concen: 1.81 ug/L
RT: 7.09 min Scan# 1079
Delta R.T. -0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

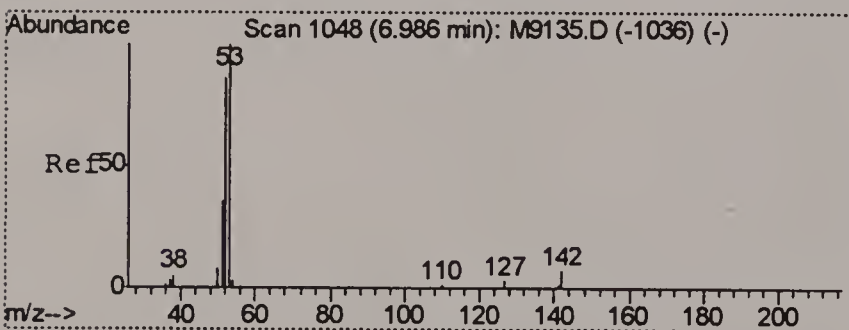
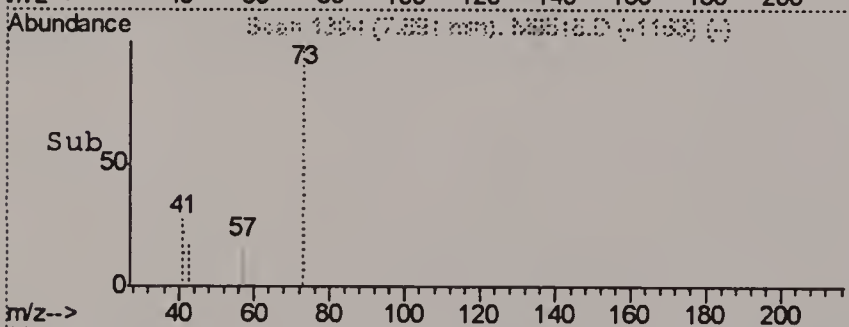
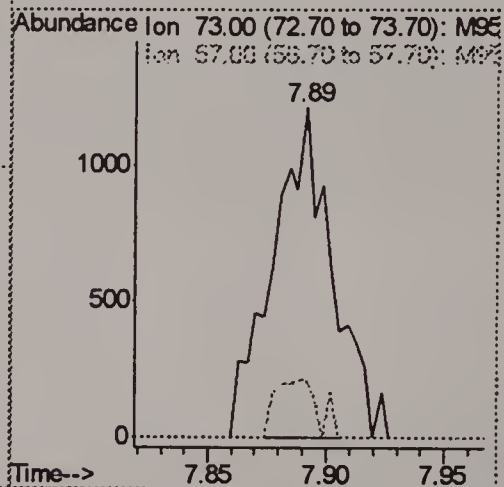
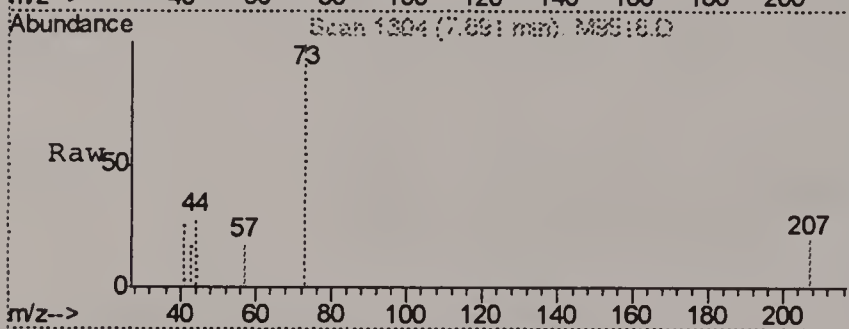
Tgt Ion: 84 Resp: 1078
Ion Ratio Lower Upper
84 100
86 49.7 33.8 93.8
49 112.2 112.7 172.7#





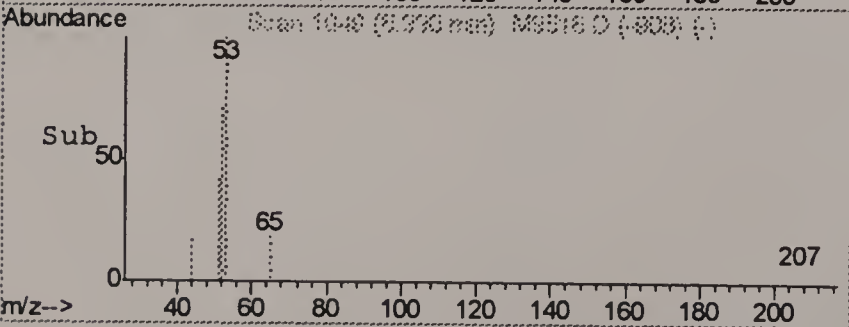
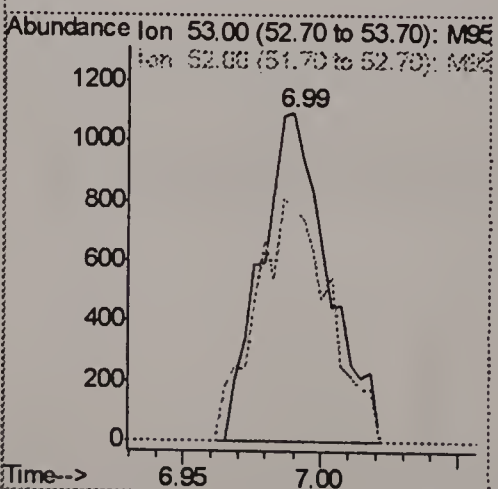
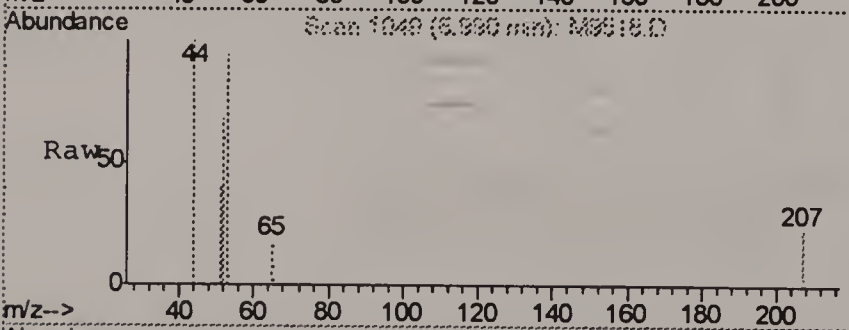
#20
methyl tert butyl ether
Concen: 1.00 ug/L
RT: 7.89 min Scan# 1304
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

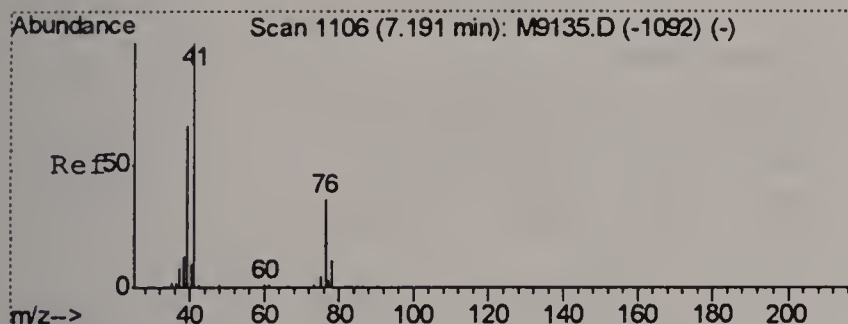
Tgt Ion: 73 Resp: 2136
Ion Ratio Lower Upper
73 100
57 17.5 0.0 53.7



#21
acrylonitrile
Concen: 6.66 ug/L
RT: 6.99 min Scan# 1049
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

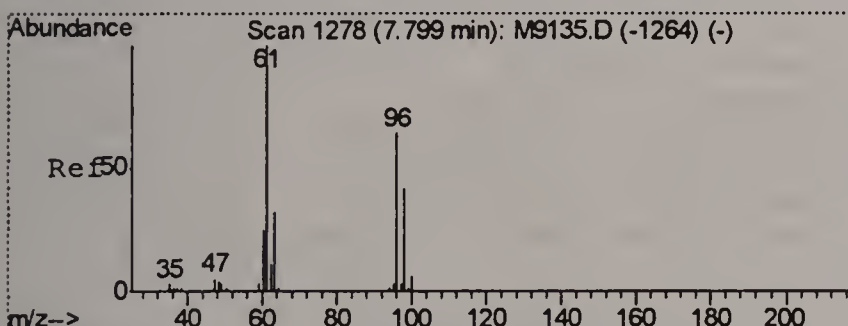
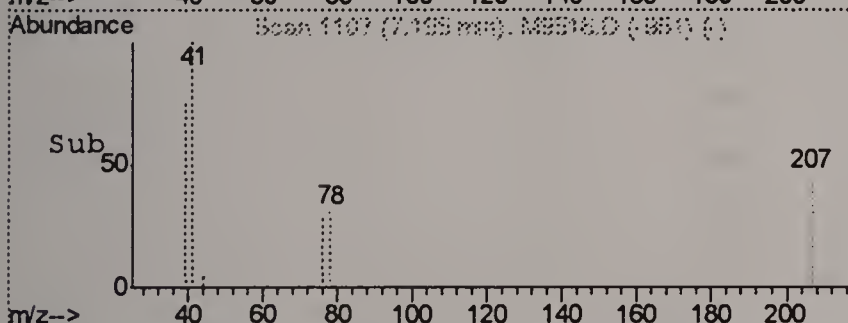
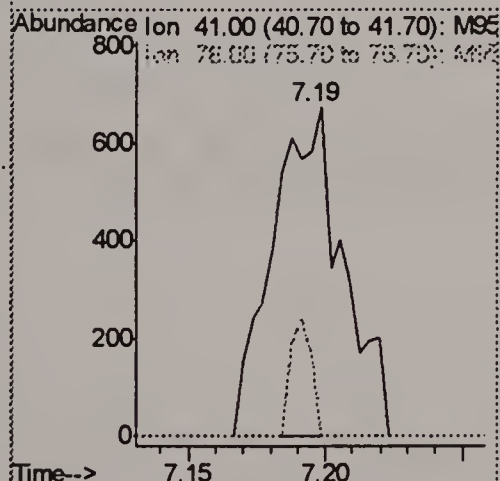
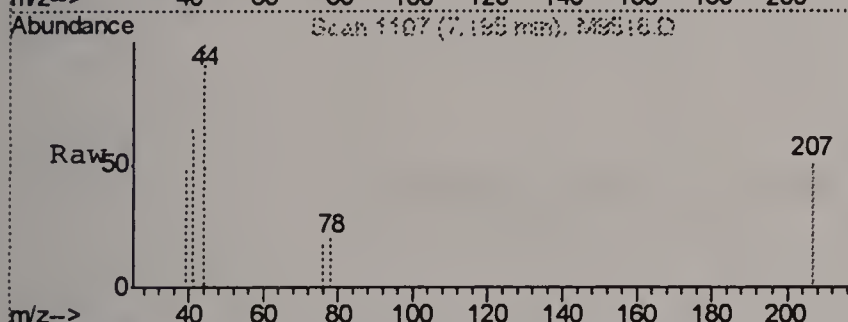
Tgt Ion: 53 Resp: 1862
Ion Ratio Lower Upper
53 100
52 72.3 49.1 109.1





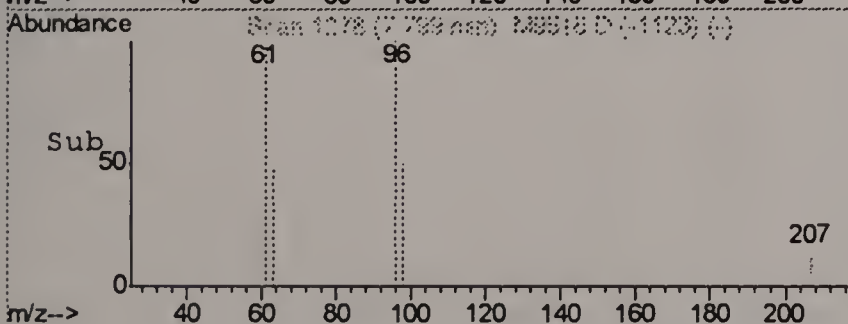
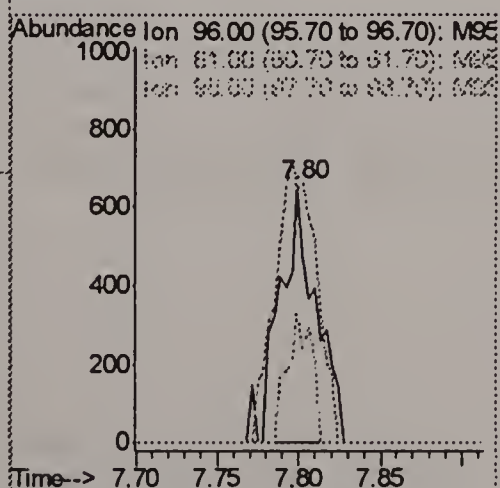
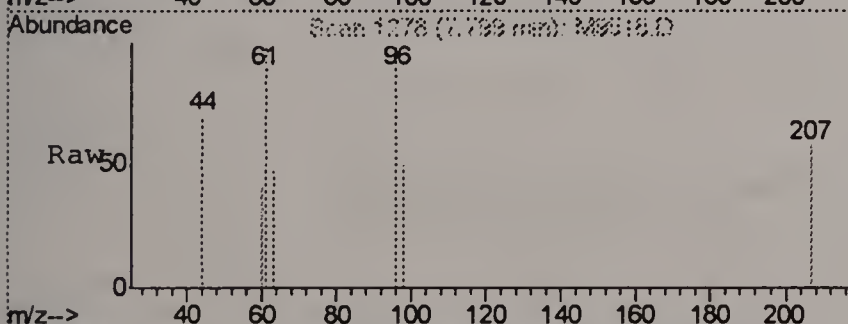
#22
allyl chloride
Concen: 1.96 ug/L
RT: 7.19 min Scan# 1107
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

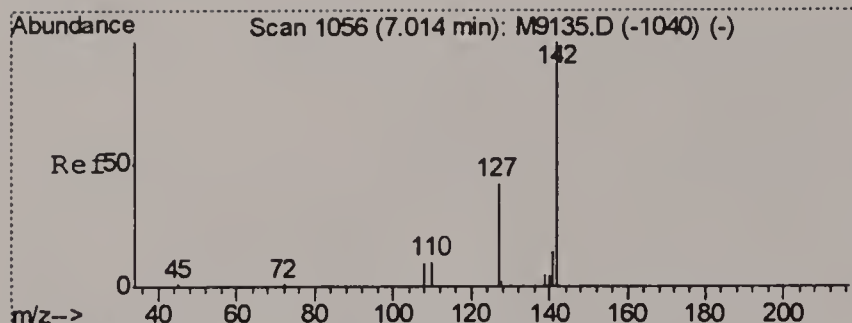
Tgt Ion: 41 Resp: 1205
Ion Ratio Lower Upper
41 100
76 29.0 6.3 66.3



#23
trans-1,2-dichloroethene
Concen: 1.44 ug/L m
RT: 7.80 min Scan# 1278
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

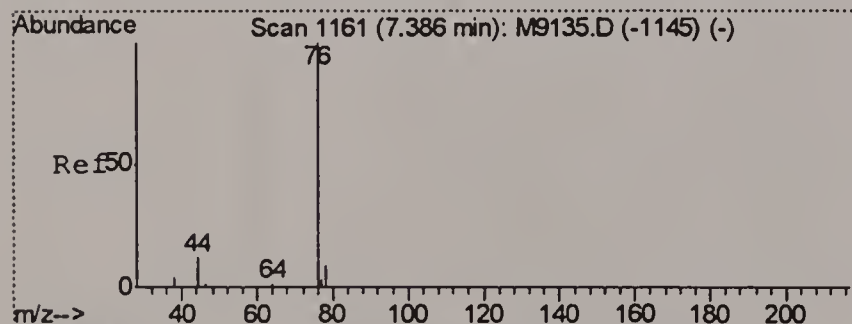
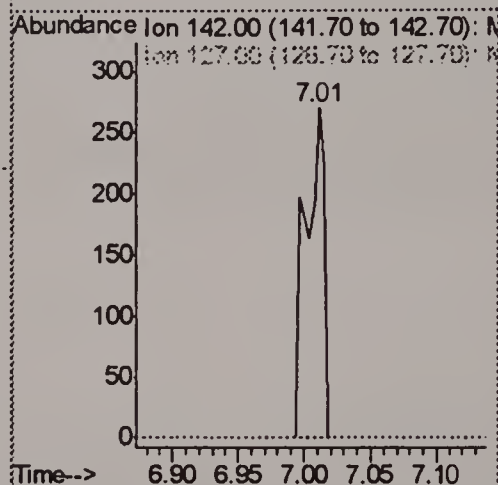
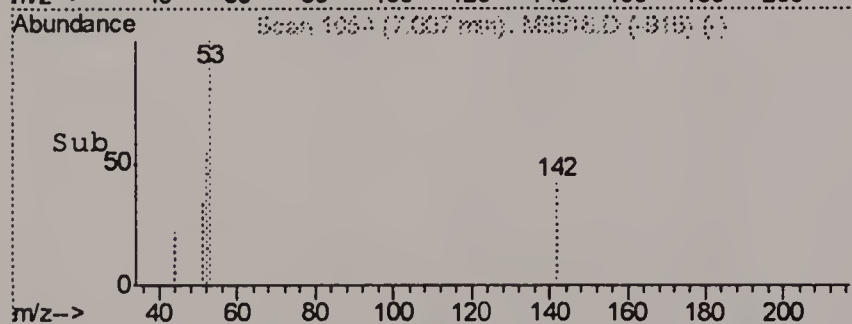
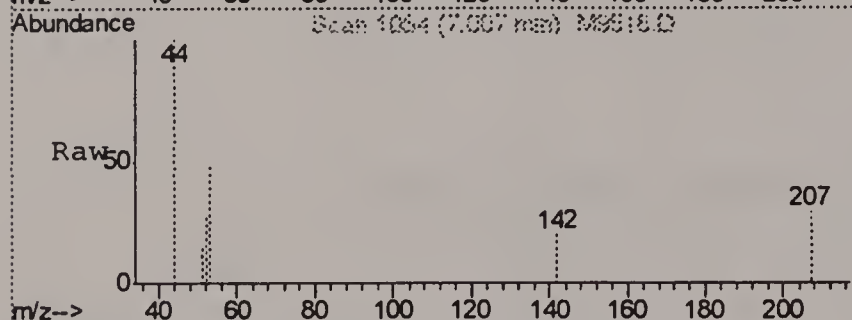
Tgt Ion: 96 Resp: 1017
Ion Ratio Lower Upper
96 100
61 98.2 131.0 191.0#
98 49.9 31.3 91.3





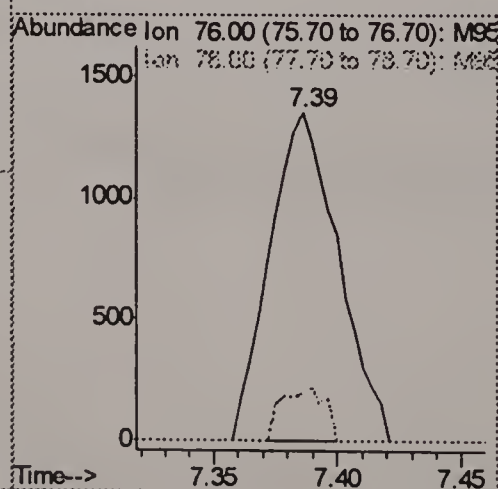
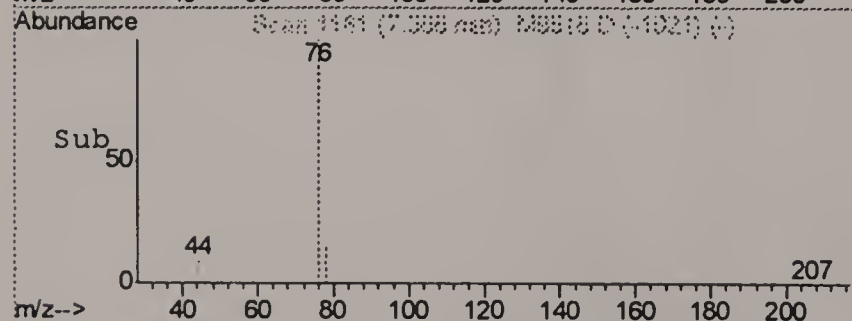
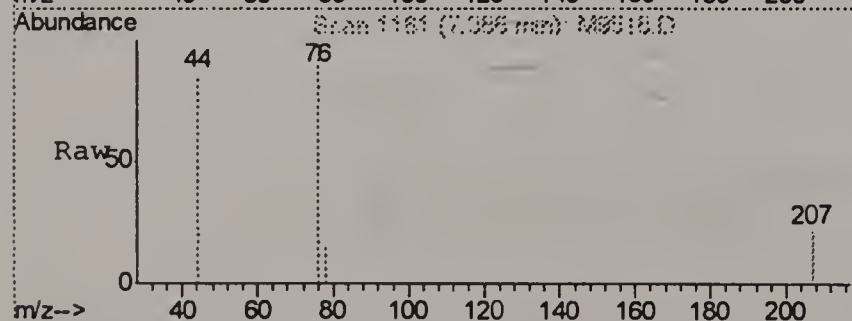
#24
iodomethane
Concen: 0.88 ug/L m
RT: 7.01 min Scan# 1054
Delta R.T. -0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

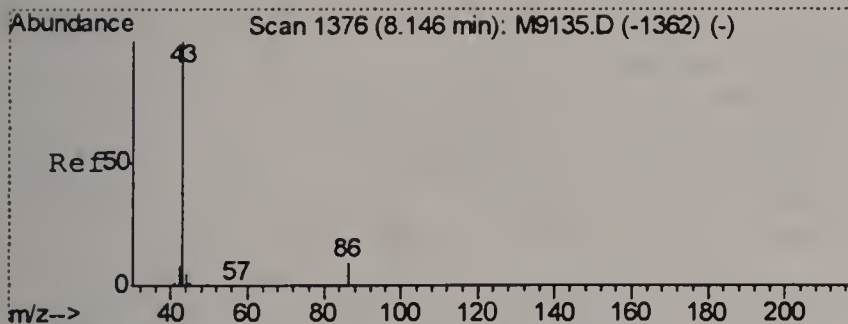
Tgt Ion: 142 Resp: 262
Ion Ratio Lower Upper
142 100
127 0.0 9.6 69.6#



#25
carbon disulfide
Concen: 1.52 ug/L
RT: 7.39 min Scan# 1161
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

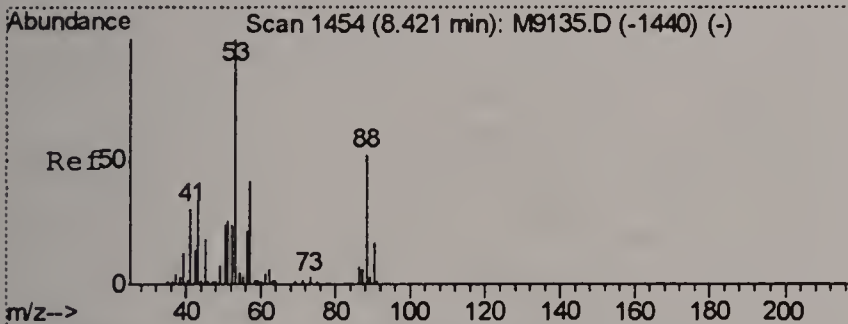
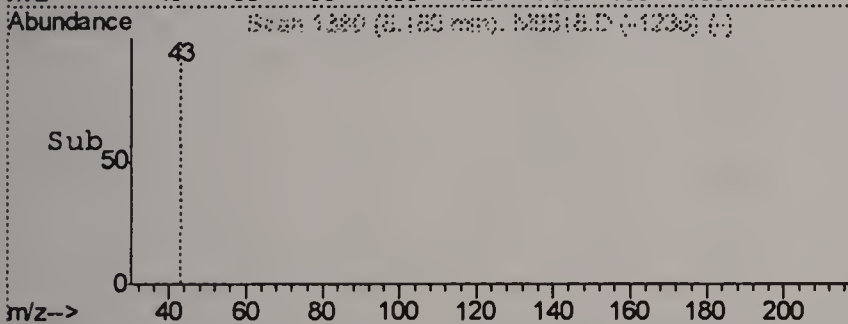
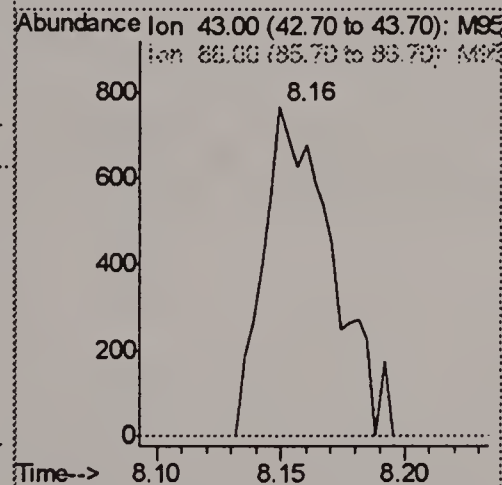
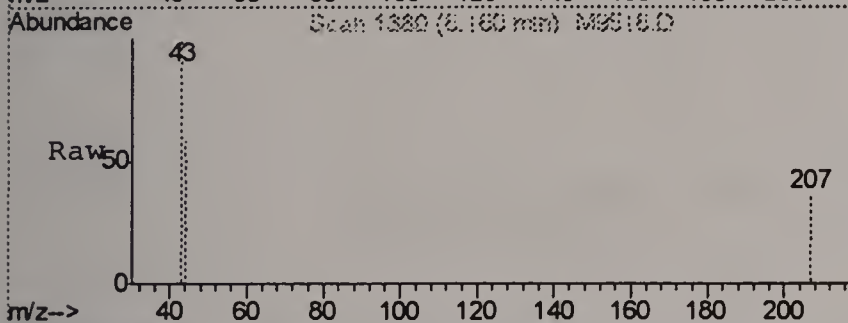
Tgt Ion: 76 Resp: 2621
Ion Ratio Lower Upper
76 100
78 14.9 0.0 39.1





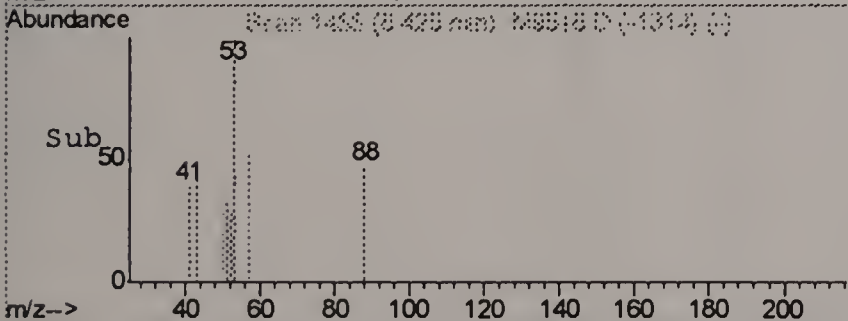
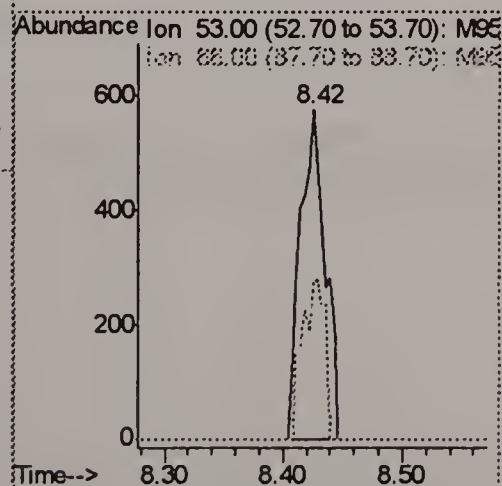
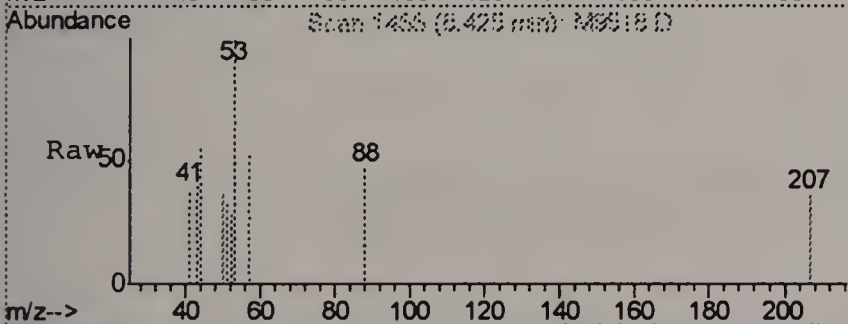
#27
vinyl acetate
Concen: 1.26 ug/L
RT: 8.16 min Scan# 1380
Delta R.T. 0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

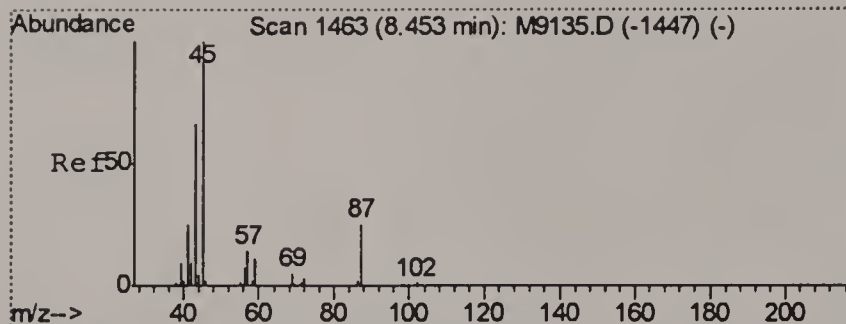
Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
86 0.0 0.0 38.3



#28
chloroprene
Concen: 0.74 ug/L m
RT: 8.43 min Scan# 1455
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

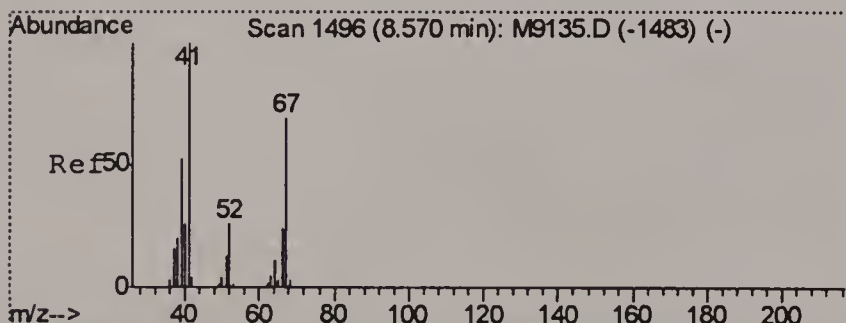
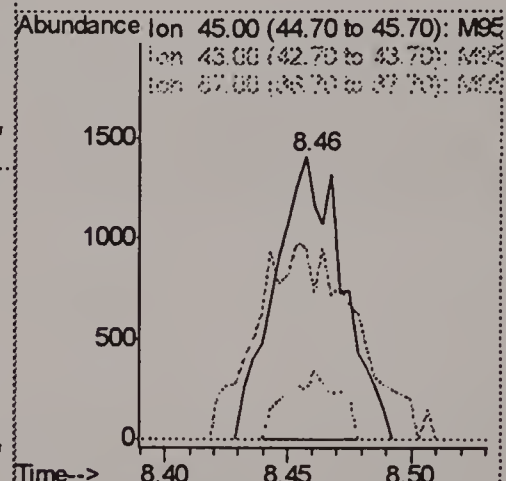
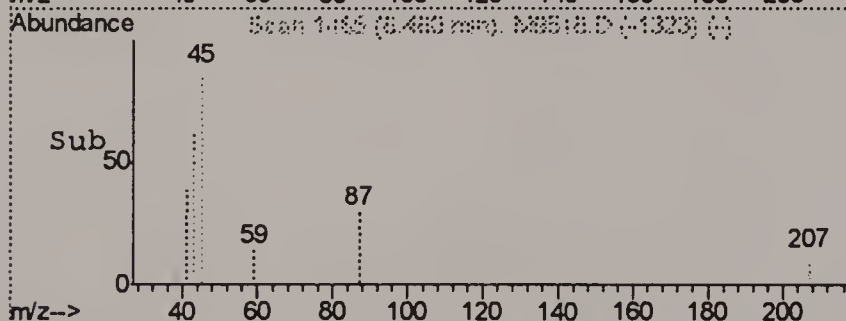
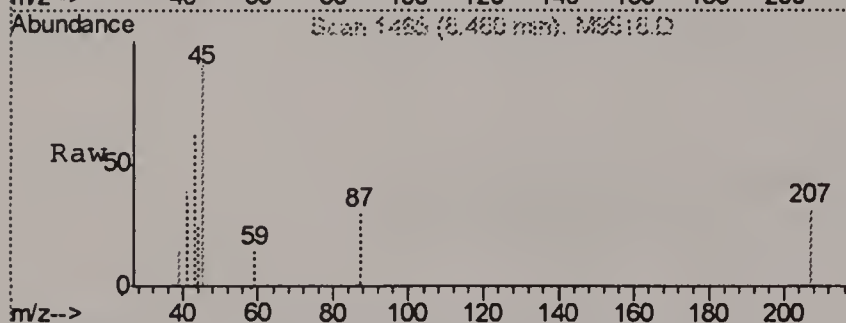
Tgt Ion: 53 Resp: 831
Ion Ratio Lower Upper
53 100
88 47.5 20.0 80.0





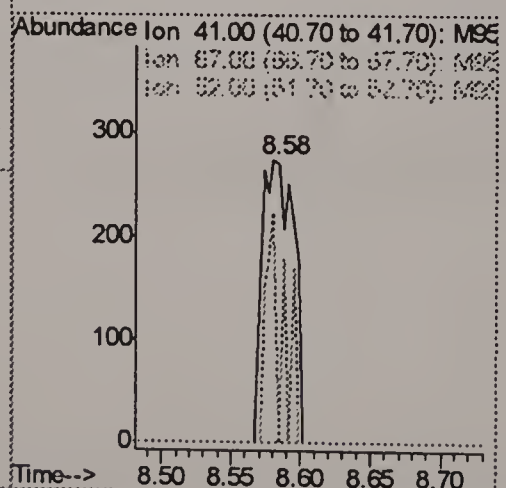
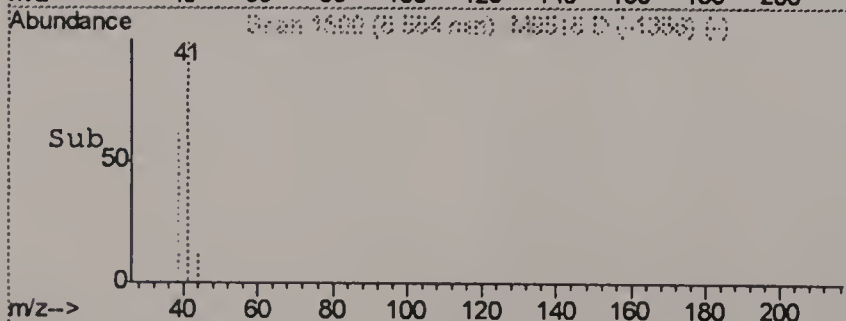
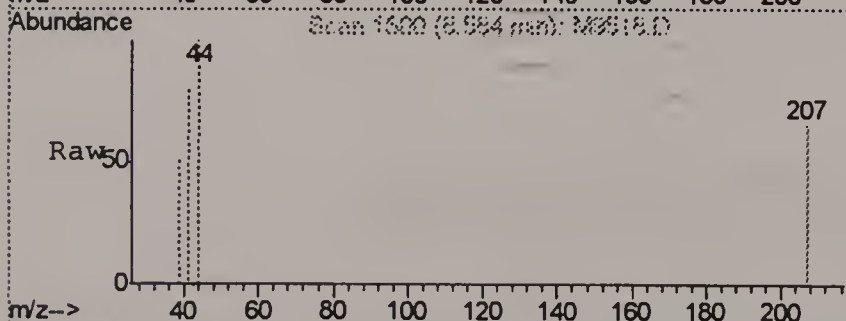
#29
di-isopropyl ether
Concen: 0.92 ug/L
RT: 8.46 min Scan# 1465
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

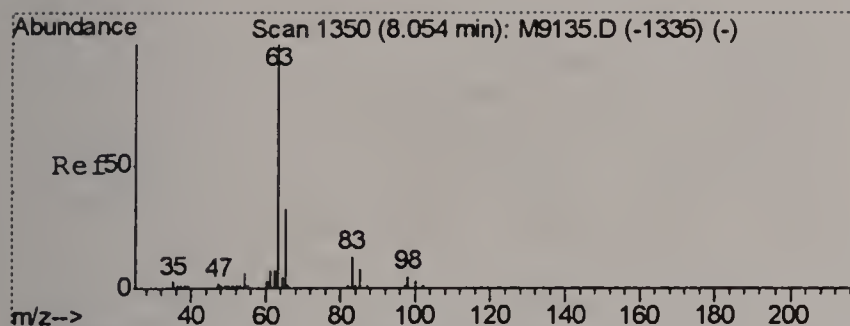
Tgt Ion: 45 Resp: 2696
Ion Ratio Lower Upper
45 100
43 43.4 35.7 95.7
87 30.4 0.0 52.0



#30
methacrylonitrile
Concen: 0.72 ug/L m
RT: 8.58 min Scan# 1500
Delta R.T. 0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

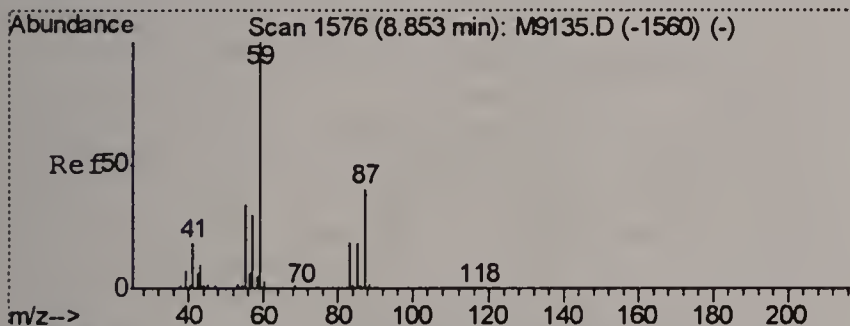
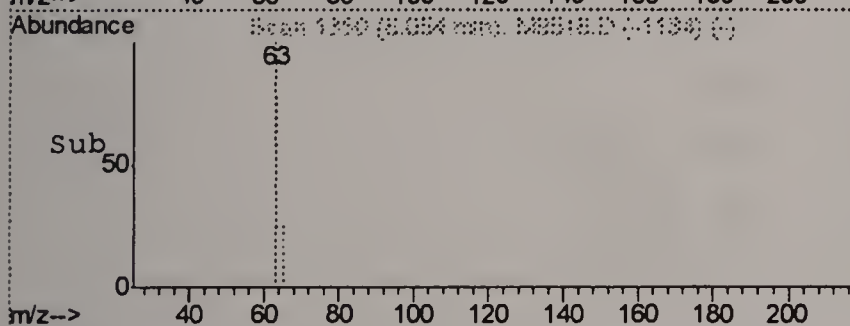
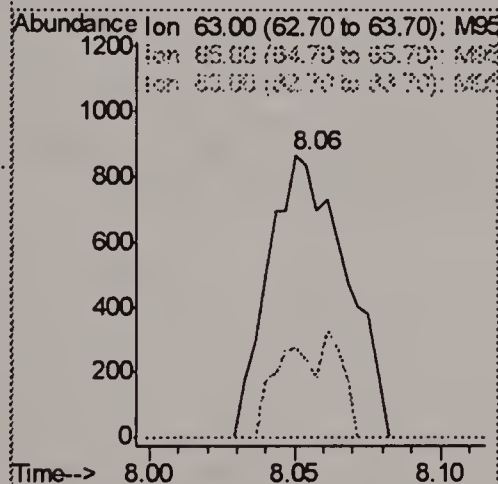
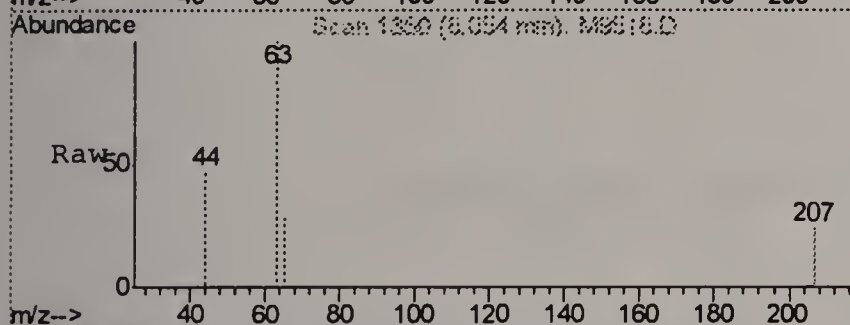
Tgt Ion: 41 Resp: 437
Ion Ratio Lower Upper
41 100
67 0.0 39.2 99.2#
52 0.0 0.0 58.8





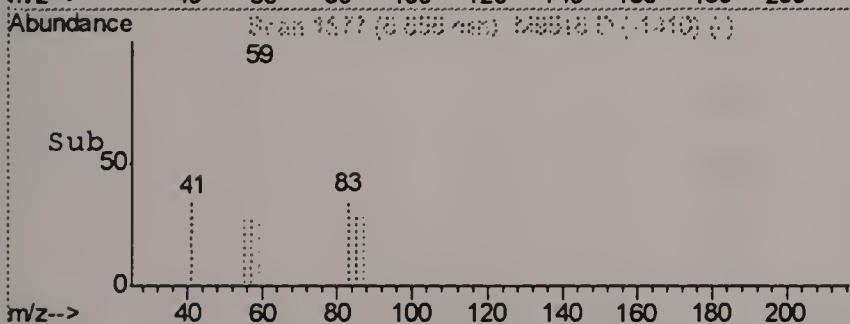
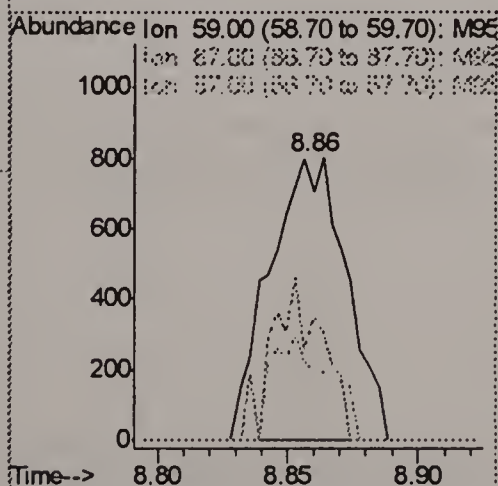
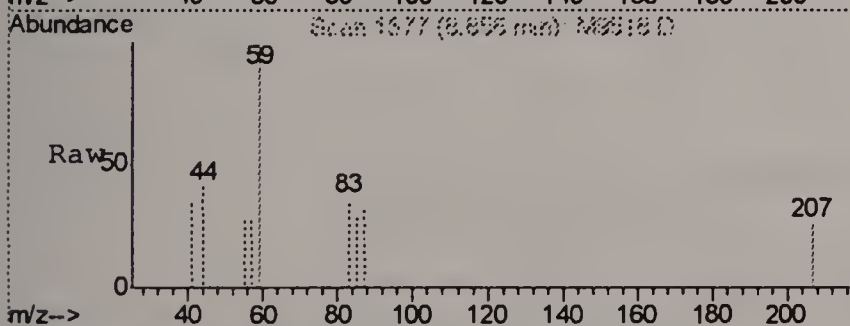
#33
1,1-dichloroethane
Concen: 1.13 ug/L
RT: 8.06 min Scan# 1350
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

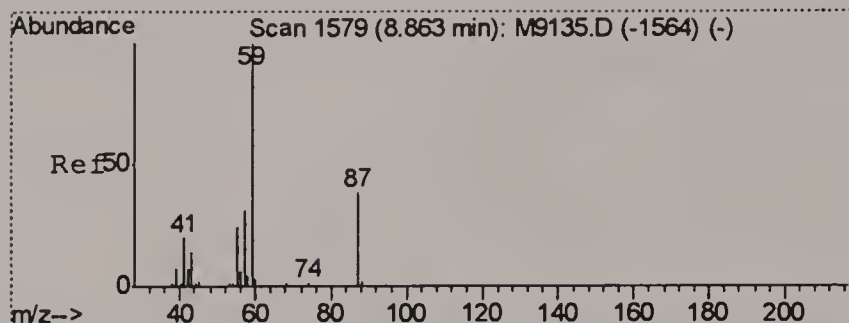
Tgt Ion: 63 Resp: 1604
Ion Ratio Lower Upper
63 100
65 28.5 1.3 61.3
83 0.0 0.0 42.7



#34
tert-butyl ethyl ether
Concen: 0.78 ug/L
RT: 8.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

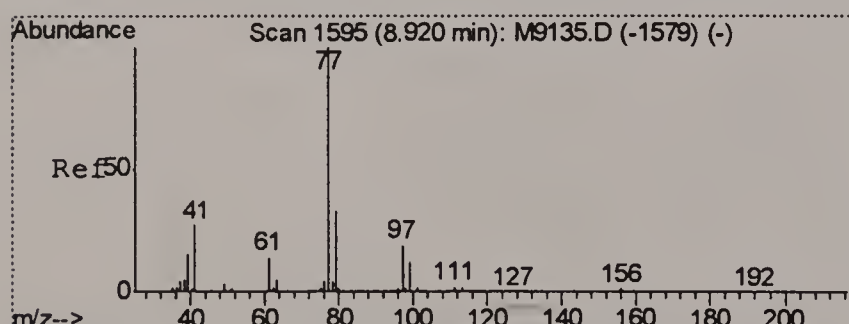
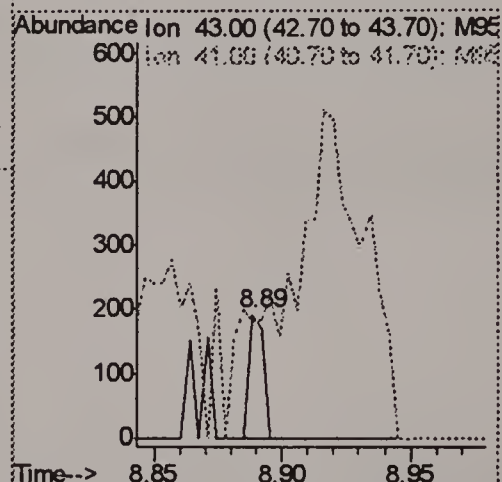
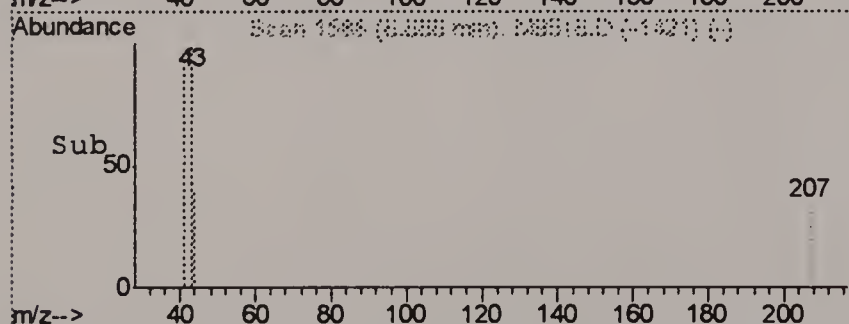
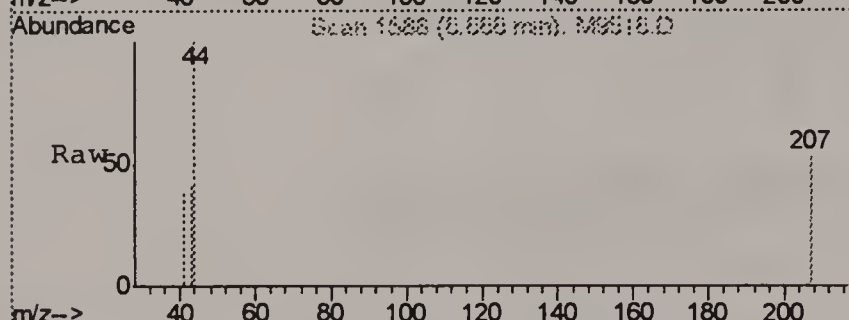
Tgt Ion: 59 Resp: 1647
Ion Ratio Lower Upper
59 100
87 32.3 7.1 67.1
57 28.8 3.0 63.0





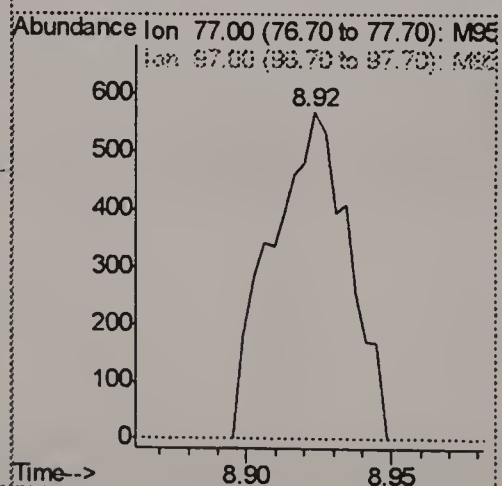
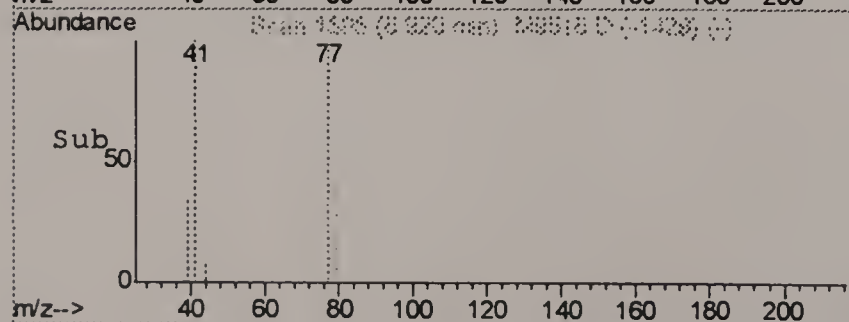
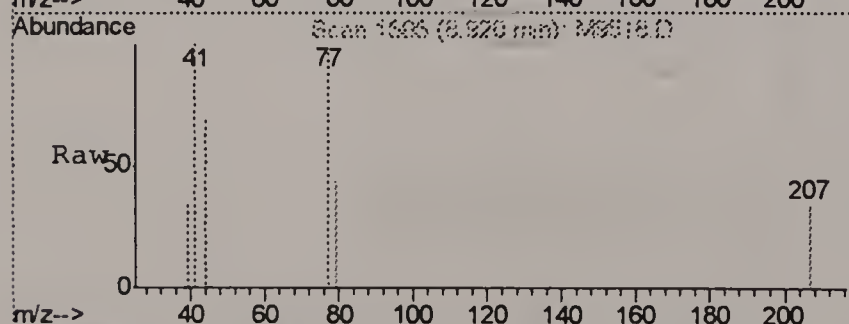
#35
isobutyl alcohol
Concen: 1.68 ug/L m
RT: 8.89 min Scan# 1586
Delta R.T. -0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

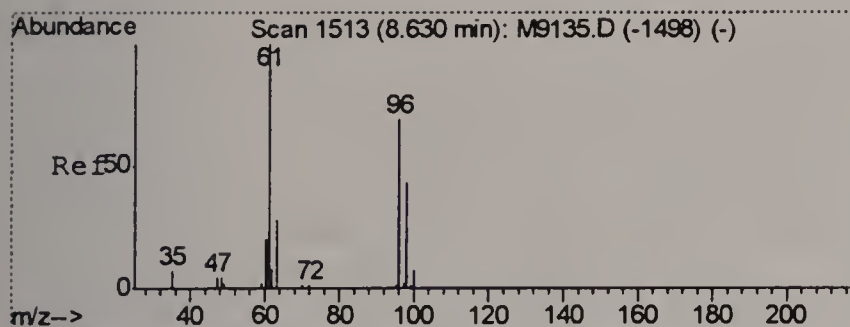
Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
41 93.8 84.2 144.2



#36
2,2-dichloropropane
Concen: 1.07 ug/L
RT: 8.92 min Scan# 1595
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

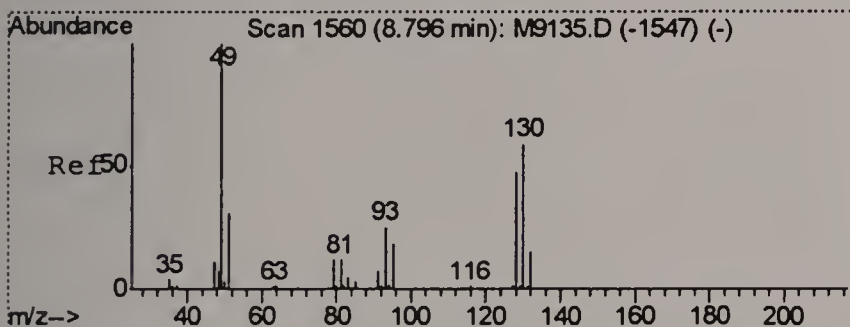
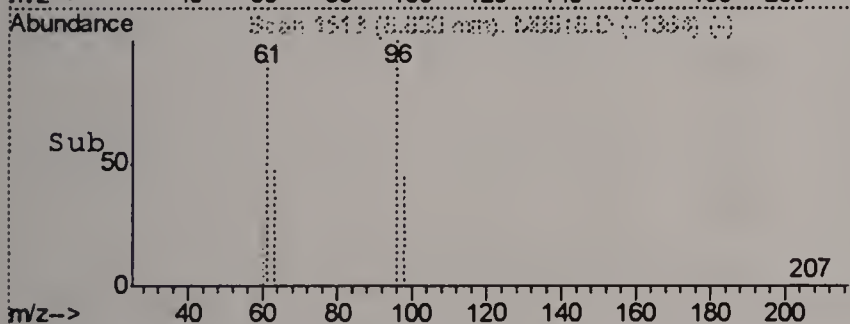
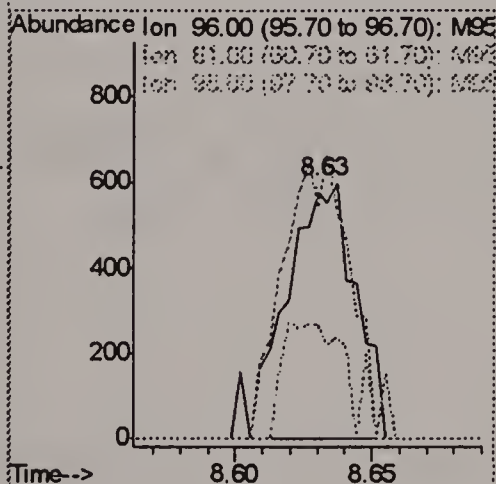
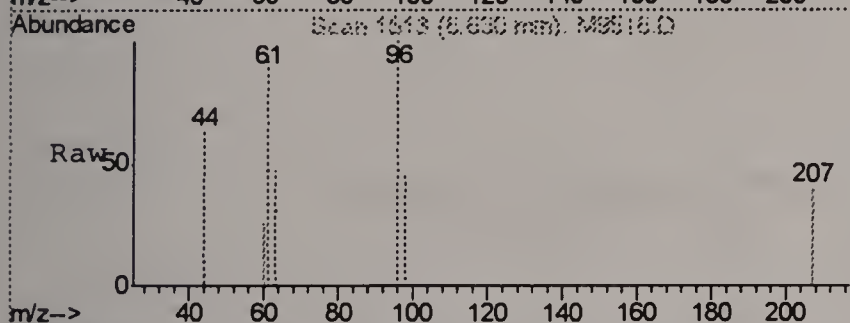
Tgt Ion: 77 Resp: 1055
Ion Ratio Lower Upper
77 100
97 0.0 0.0 50.2





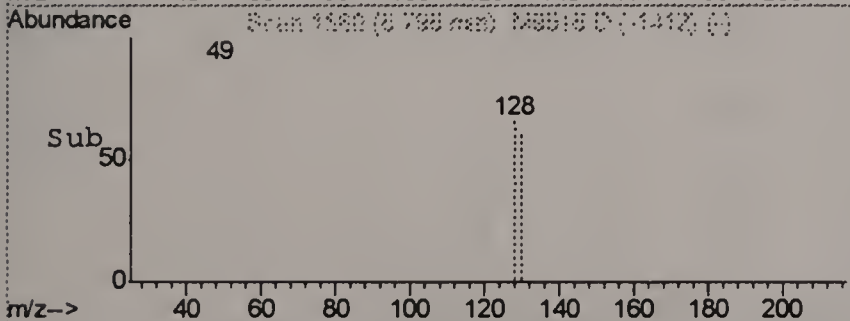
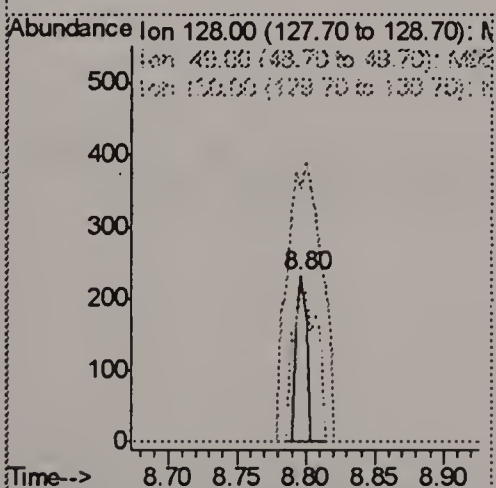
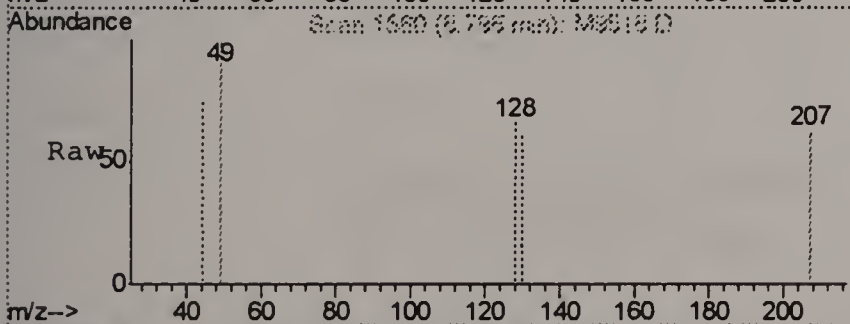
#37
 cis-1,2-dichloroethene
 Concen: 1.31 ug/L
 RT: 8.63 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

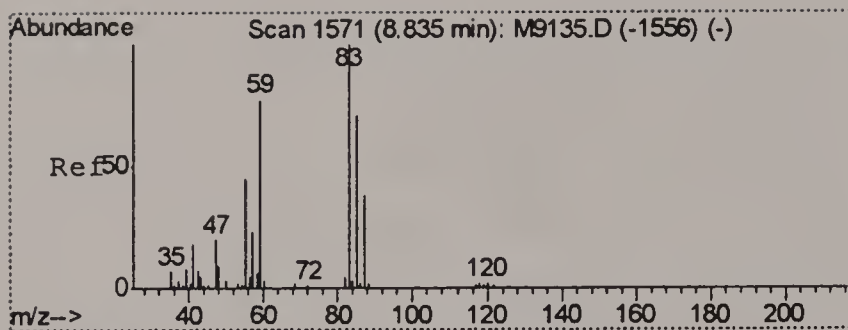
Tgt Ion: 96 Resp: 1070
 Ion Ratio Lower Upper
 96 100
 61 93.8 120.4 180.4#
 98 46.4 33.6 93.6



#39
 bromochloromethane
 Concen: 0.44 ug/L m
 RT: 8.80 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

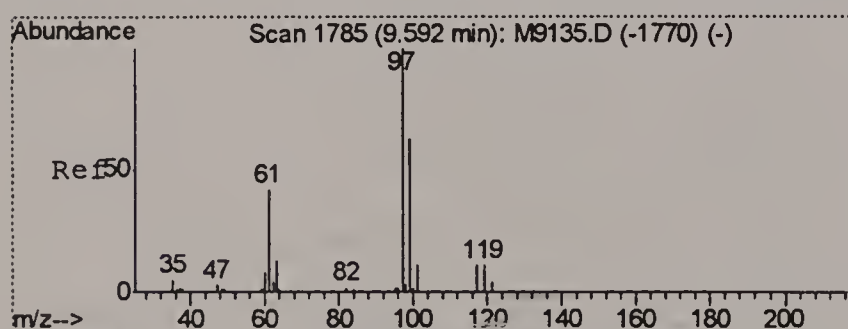
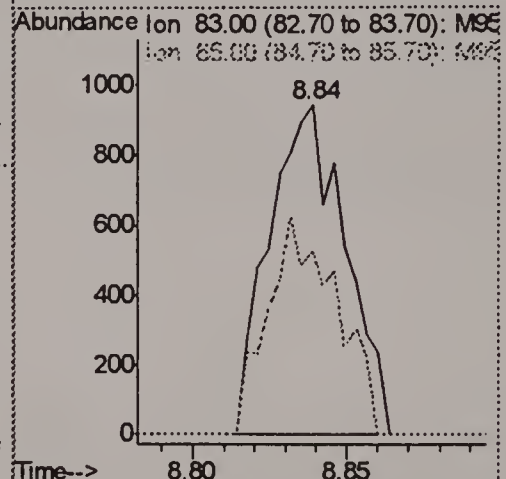
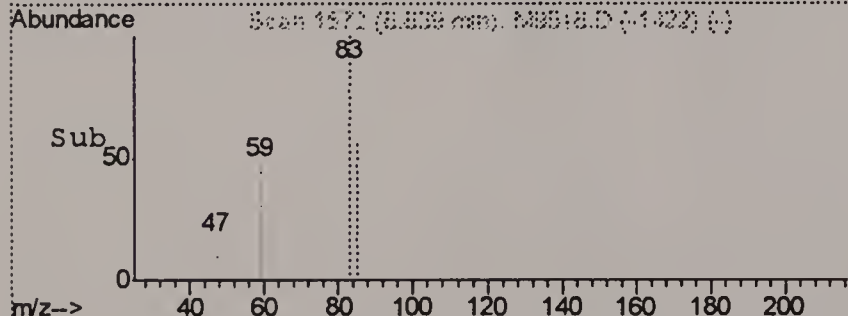
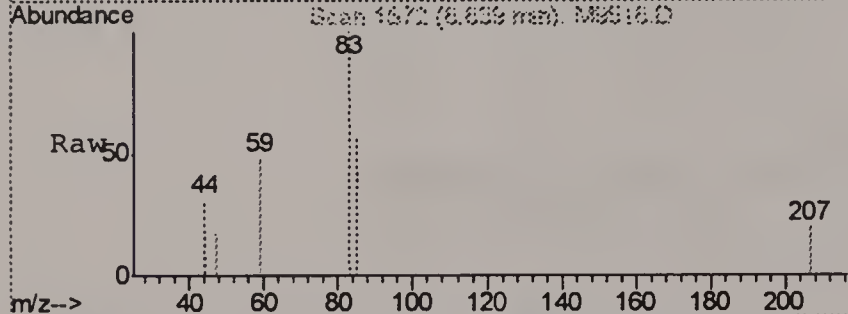
Tgt Ion: 128 Resp: 120
 Ion Ratio Lower Upper
 128 100
 49 150.9 213.7 273.7#
 130 92.7 96.9 156.9#





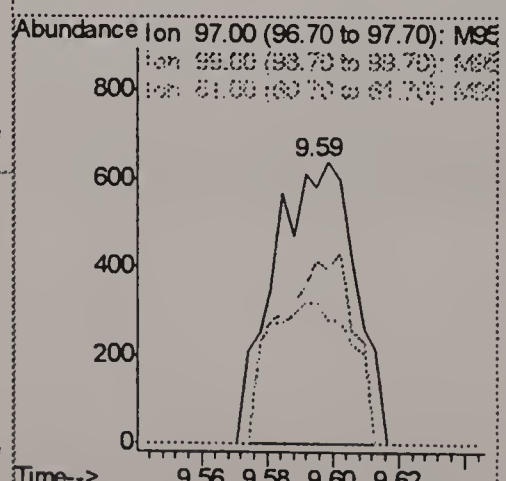
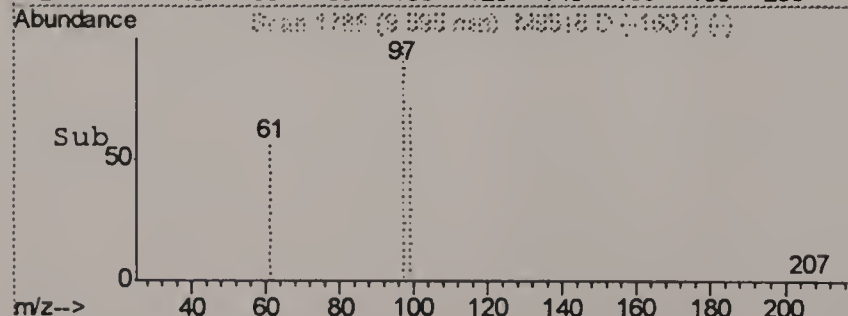
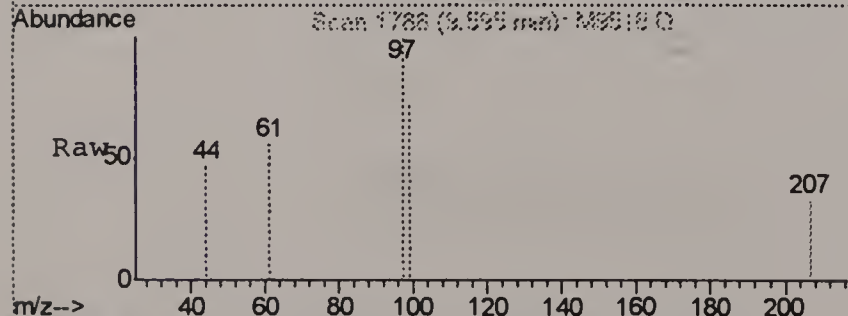
#40
chloroform
Concen: 1.26 ug/L
RT: 8.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

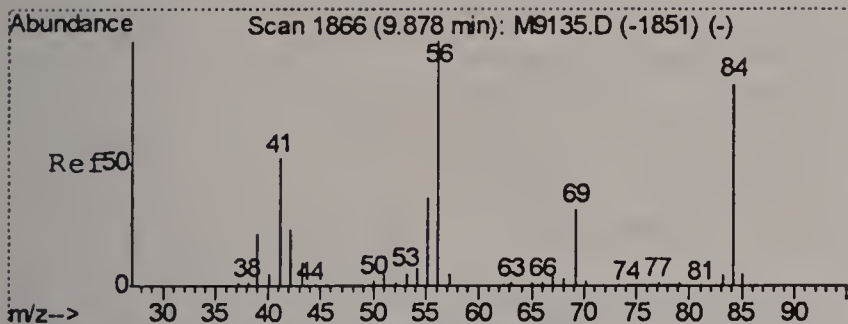
Tgt Ion:	83	Resp:	1616
Ion Ratio	Lower	Upper	
83	100		
85	55.9	41.6	101.6



#43
1,1,1-trichloroethane
Concen: 1.08 ug/L
RT: 9.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

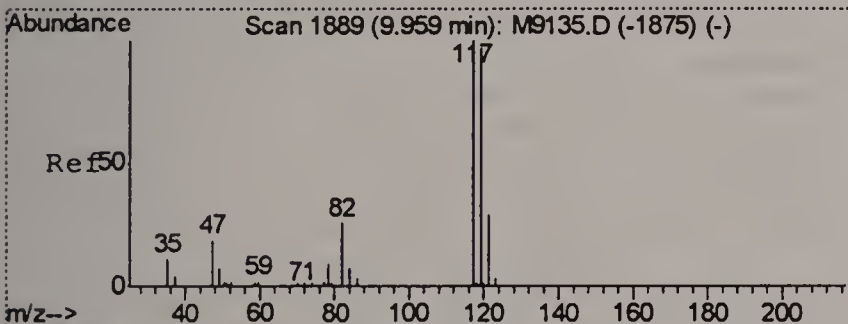
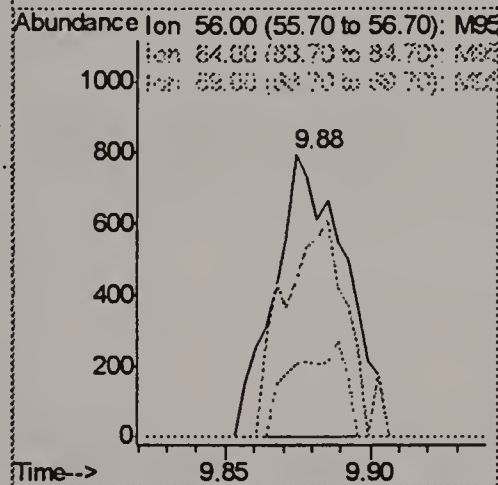
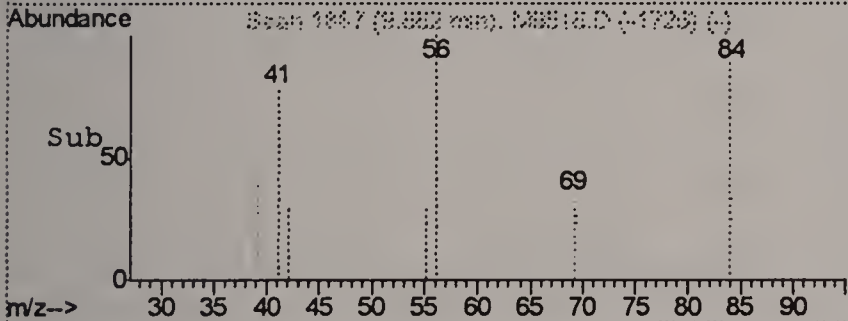
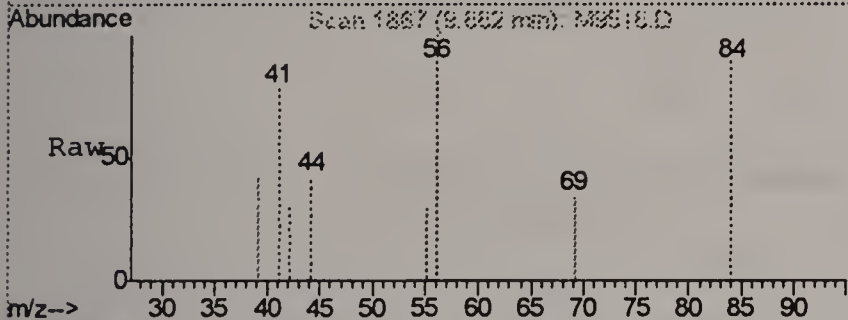
Tgt Ion:	97	Resp:	1100
Ion Ratio	Lower	Upper	
97	100		
99	71.5	32.4	92.4
61	55.7	18.1	78.1





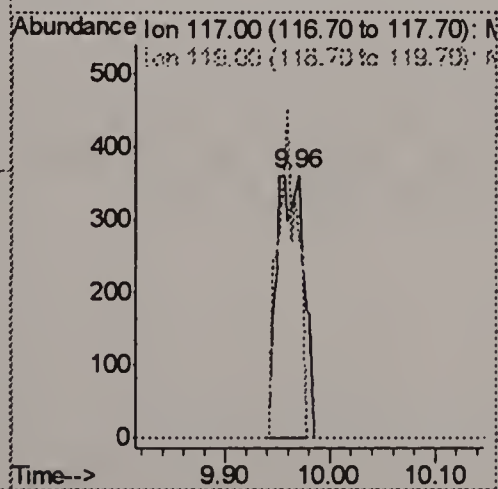
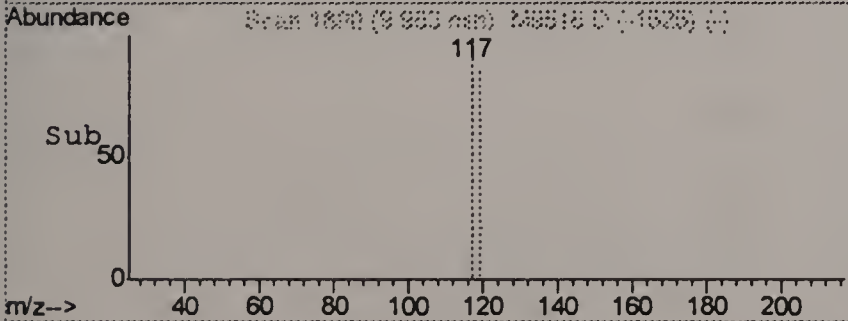
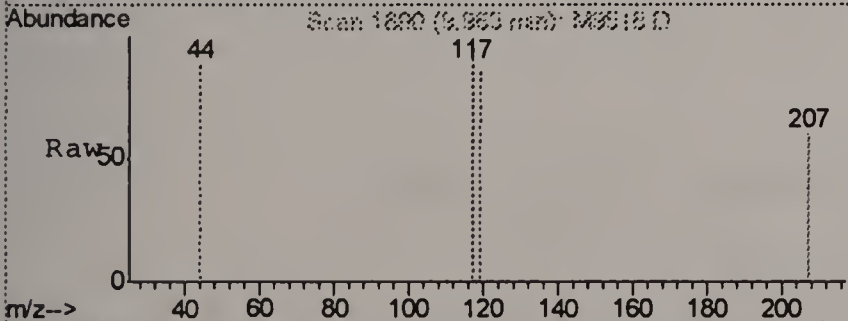
#45
Cyclohexane
Concen: 0.80 ug/L
RT: 9.88 min Scan# 1867
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

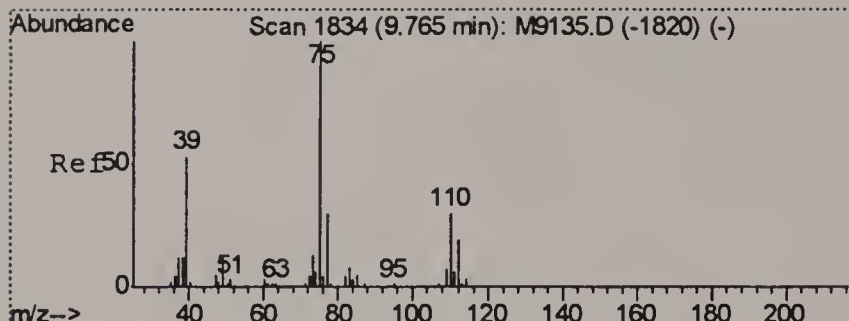
Tgt Ion: 56 Resp: 1342
Ion Ratio Lower Upper
56 100
84 91.0 53.2 93.2
69 34.0 6.1 46.1



#46
carbon tetrachloride
Concen: 0.85 ug/L m
RT: 9.96 min Scan# 1890
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

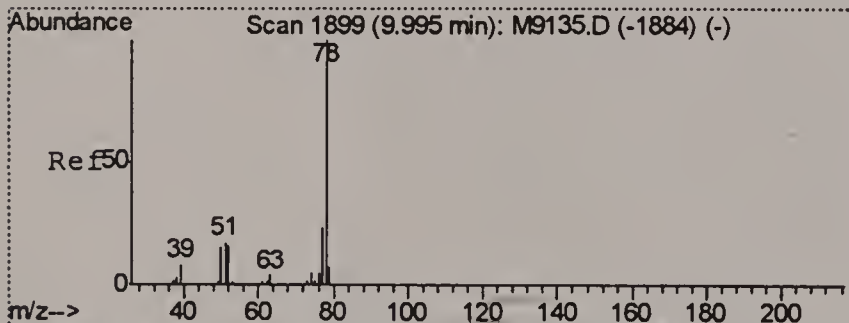
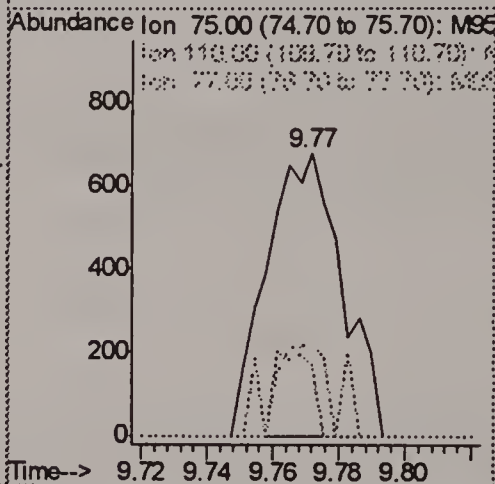
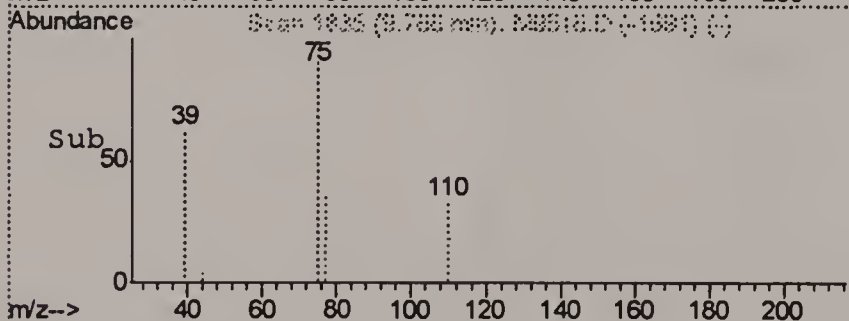
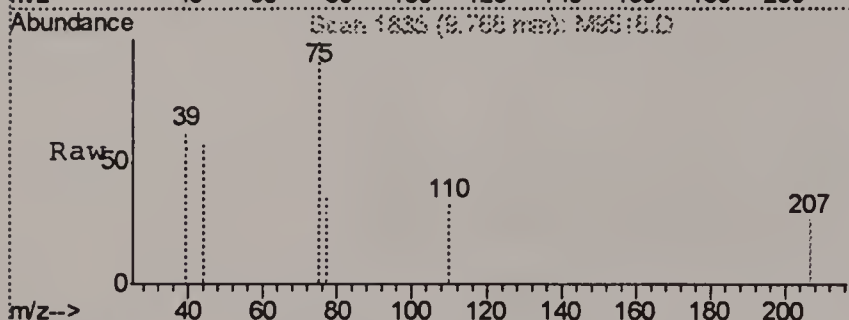
Tgt Ion: 117 Resp: 640
Ion Ratio Lower Upper
117 100
119 85.7 67.4 127.4





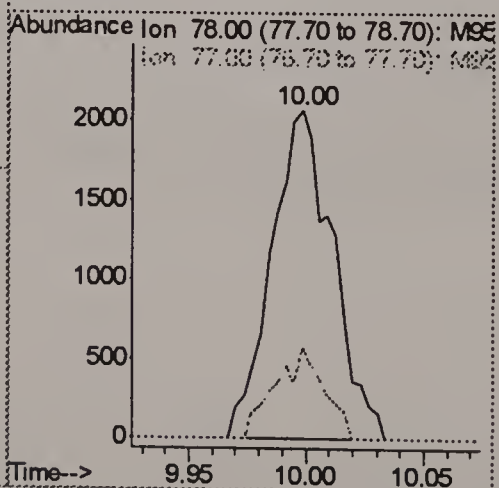
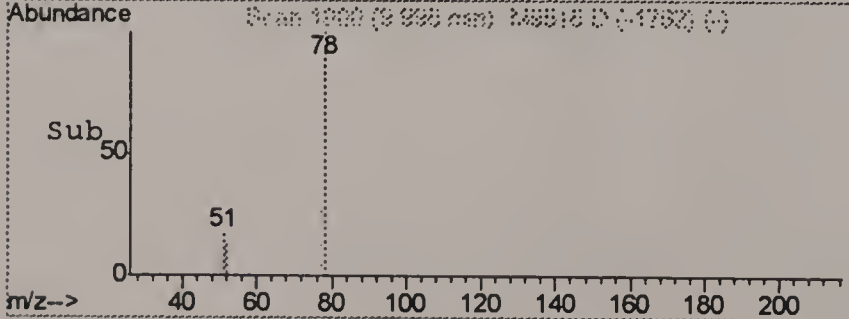
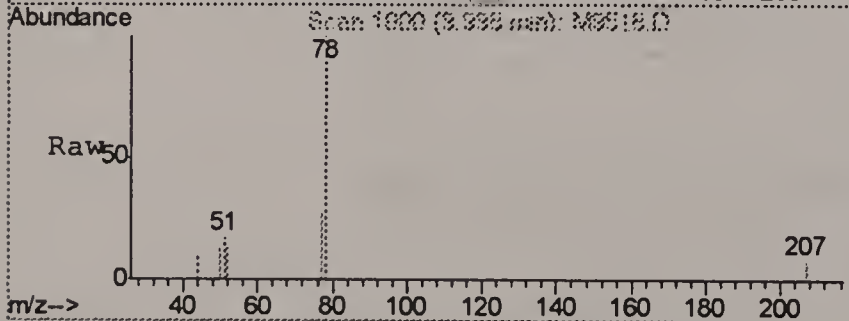
#47
1,1-dichloropropene
Concen: 0.93 ug/L
RT: 9.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

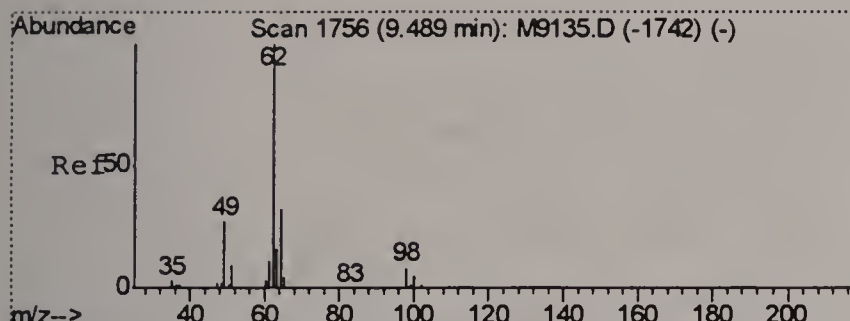
Tgt Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
110 32.6 1.0 61.0
77 35.5 1.6 61.6



#48
benzene
Concen: 1.12 ug/L
RT: 10.00 min Scan# 1900
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

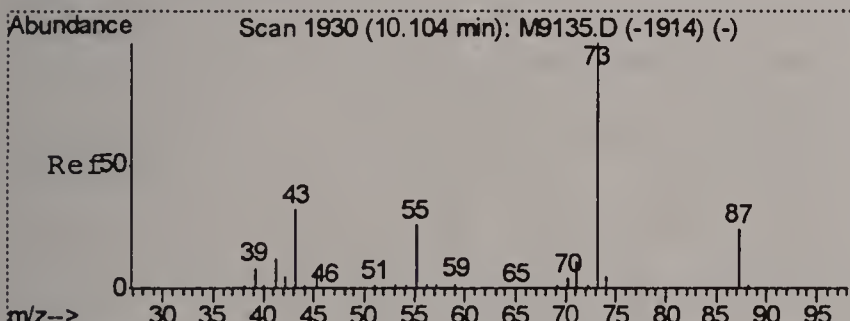
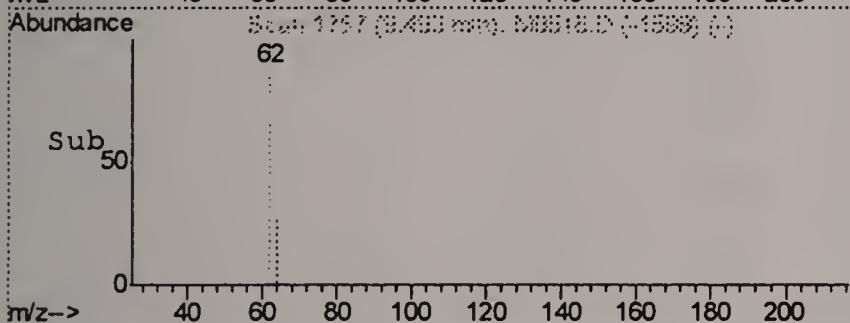
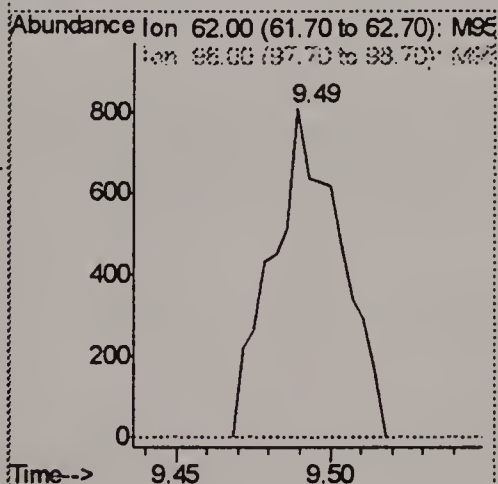
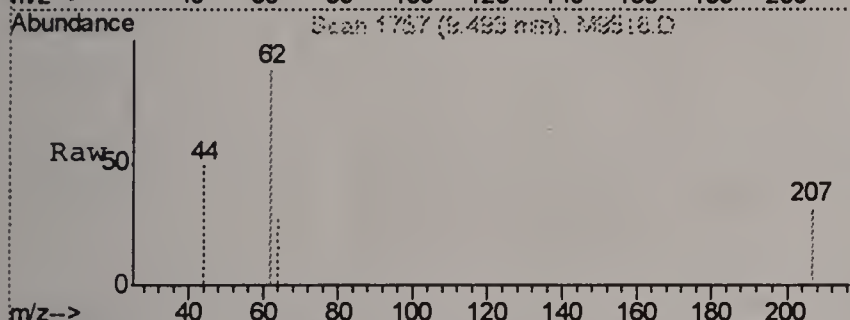
Tgt Ion: 78 Resp: 3741
Ion Ratio Lower Upper
78 100
77 28.1 0.0 53.3





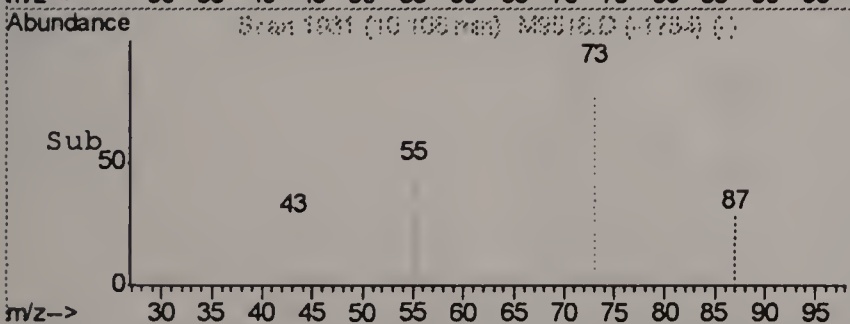
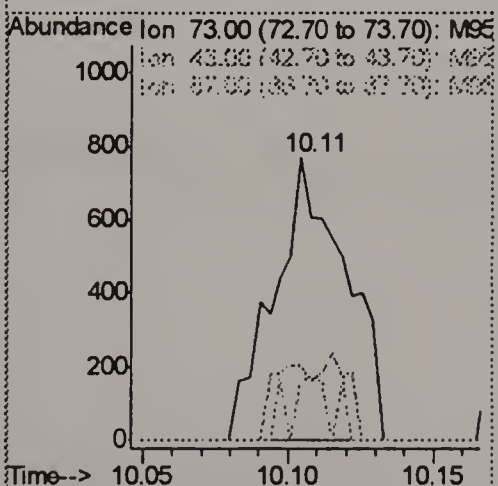
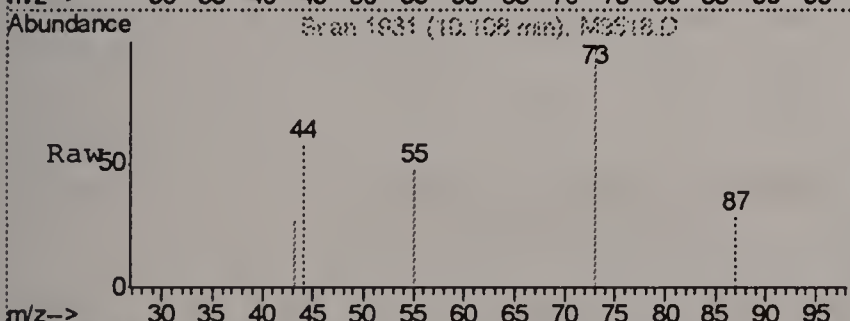
#49
1,2-dichloroethane
Concen: 1.08 ug/L
RT: 9.49 min Scan# 1757
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

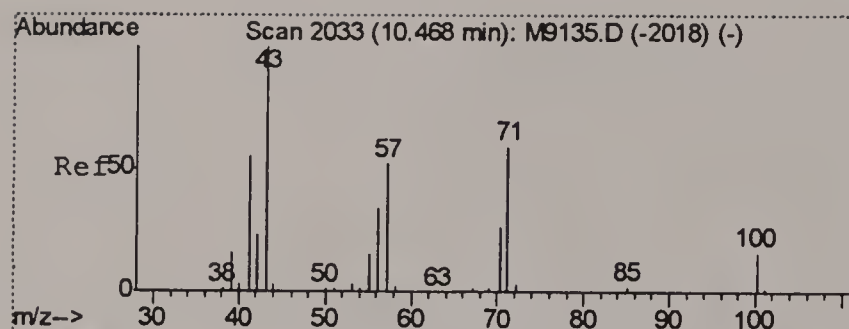
Tgt Ion: 62 Resp: 1244
Ion Ratio Lower Upper
62 100
98 0.0 0.0 38.8



#50
tert-amyl methyl ether
Concen: 0.76 ug/L
RT: 10.11 min Scan# 1931
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

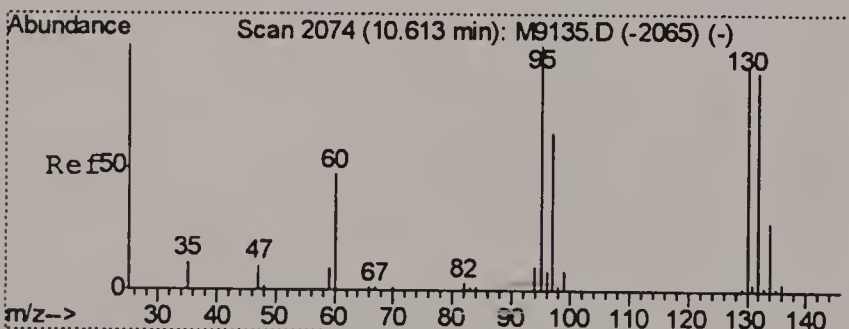
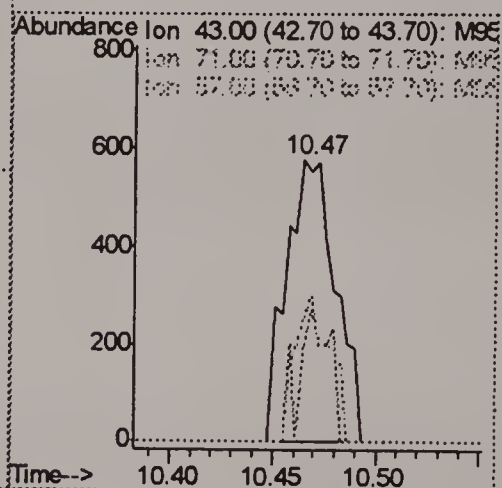
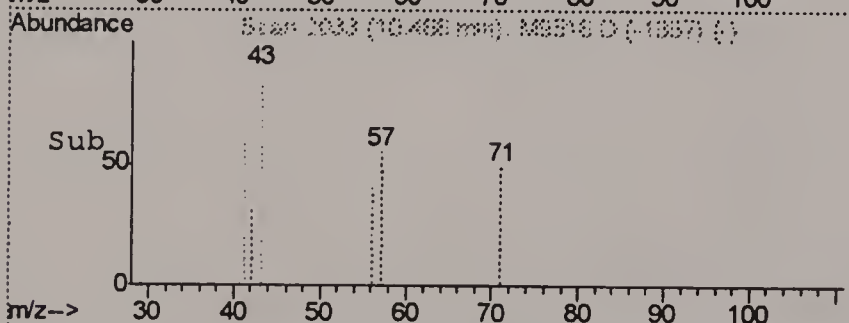
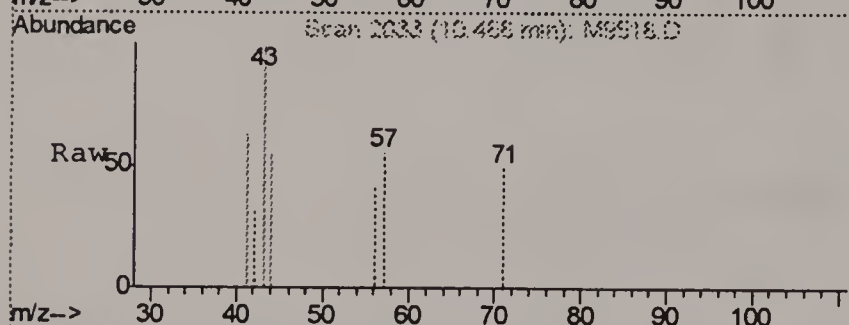
Tgt Ion: 73 Resp: 1306
Ion Ratio Lower Upper
73 100
43 27.0 2.6 62.6
87 28.8 0.0 51.9





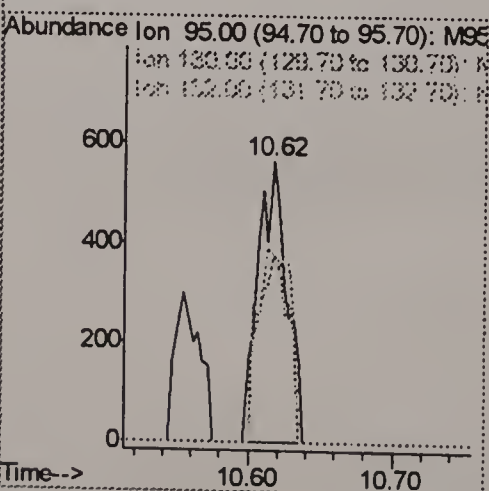
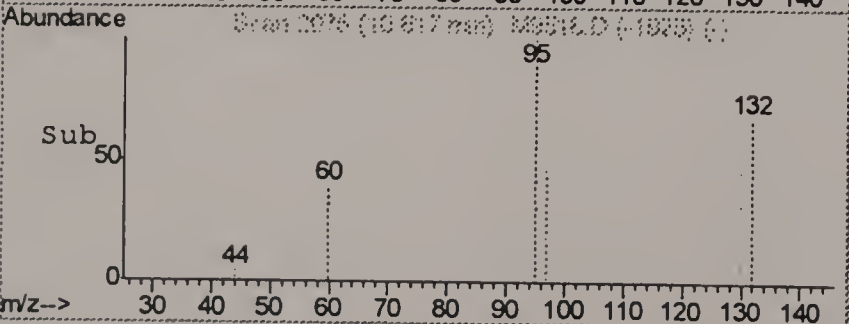
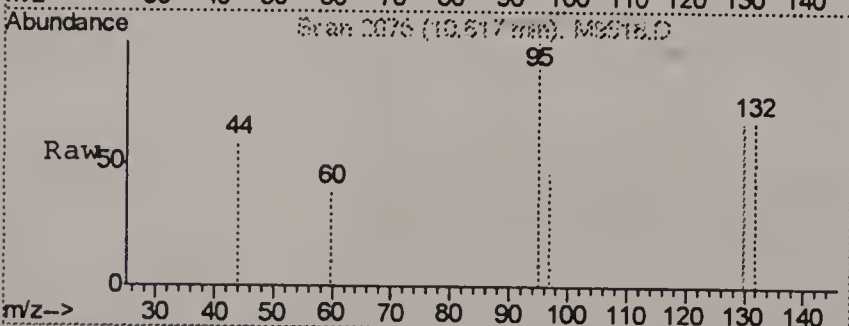
#51
heptane
Concen: 0.79 ug/L m
RT: 10.47 min Scan# 2033
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

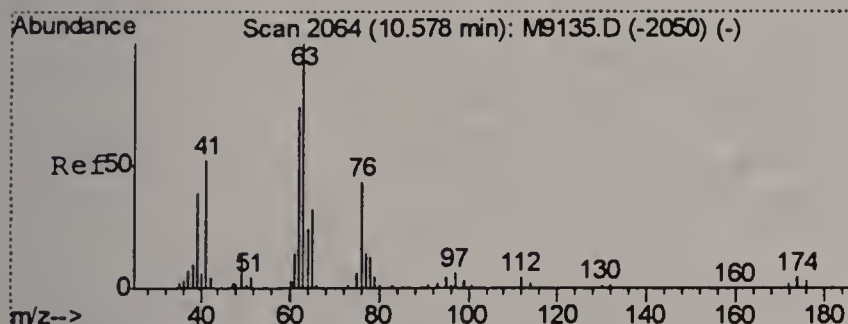
Tgt Ion:	43	Resp:	963
Ion	Ratio	Lower	Upper
43	100		
71	49.4	25.2	85.2
57	54.8	24.2	84.2



#52
trichloroethene
Concen: 0.91 ug/L m
RT: 10.62 min Scan# 2075
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

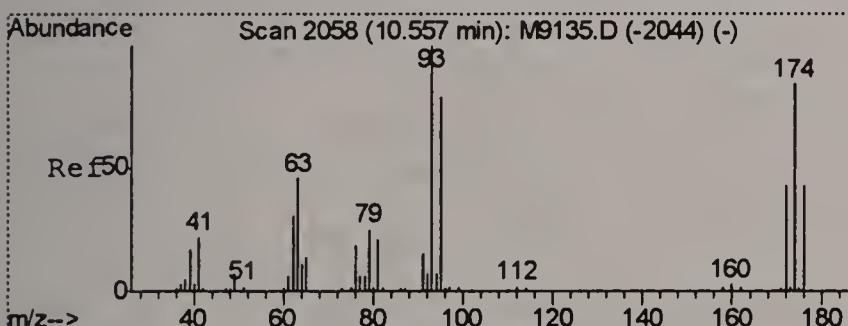
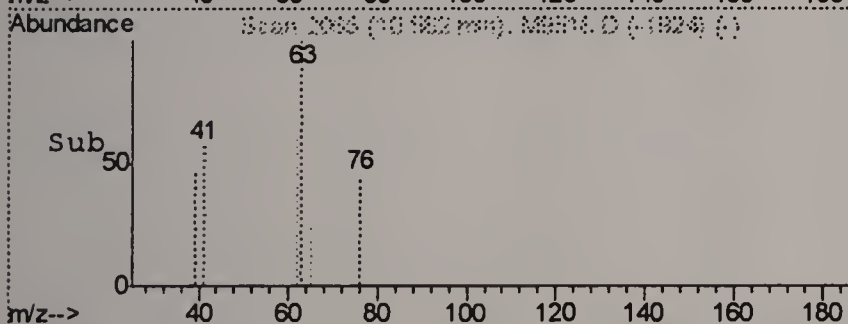
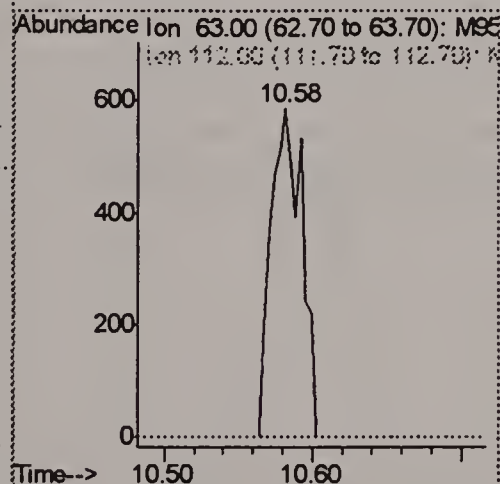
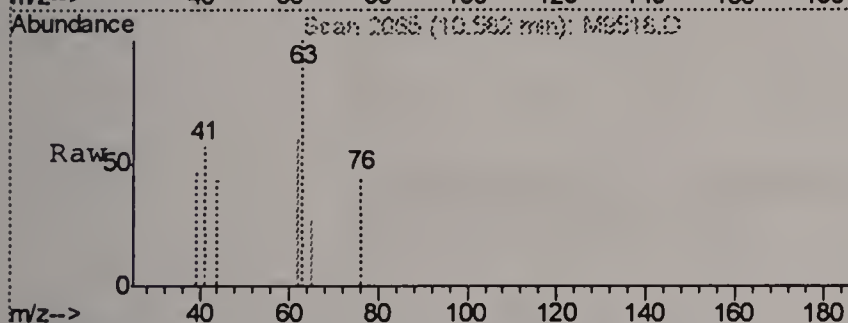
Tgt Ion:	95	Resp:	795
Ion	Ratio	Lower	Upper
95	100		
130	67.1	51.4	111.4
132	67.6	46.7	106.7





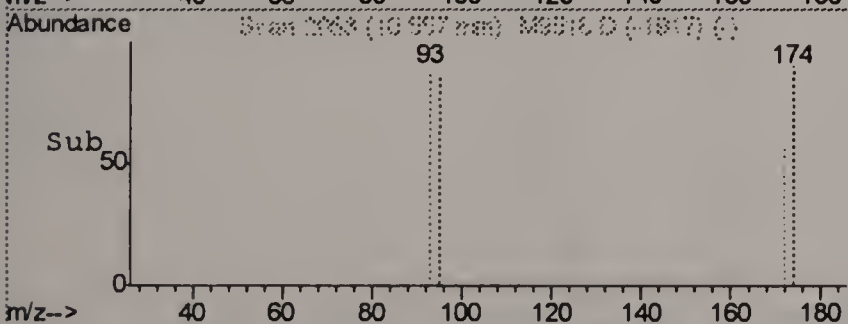
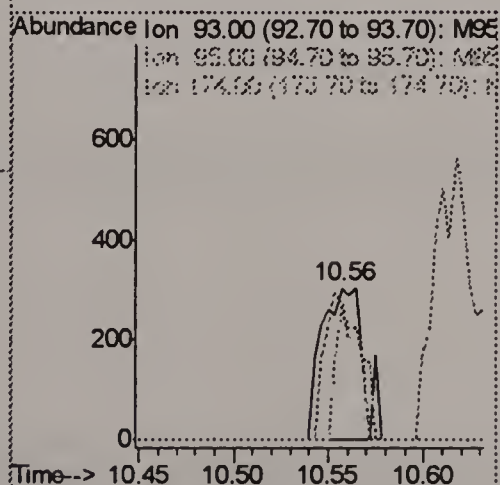
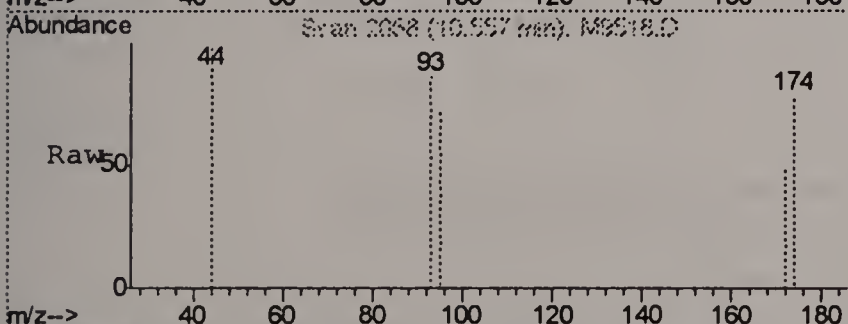
#53
1,2-dichloropropane
Concen: 0.88 ug/L m
RT: 10.58 min Scan# 2065
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

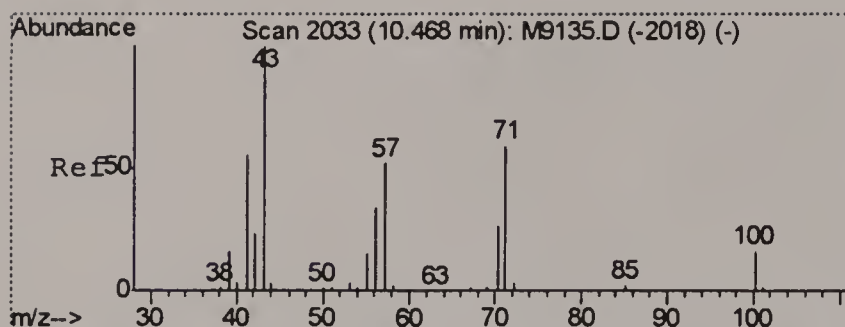
Tgt Ion: 63 Resp: 848
Ion Ratio Lower Upper
63 100
112 0.0 0.0 33.4



#54
dibromomethane
Concen: 1.00 ug/L m
RT: 10.56 min Scan# 2058
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

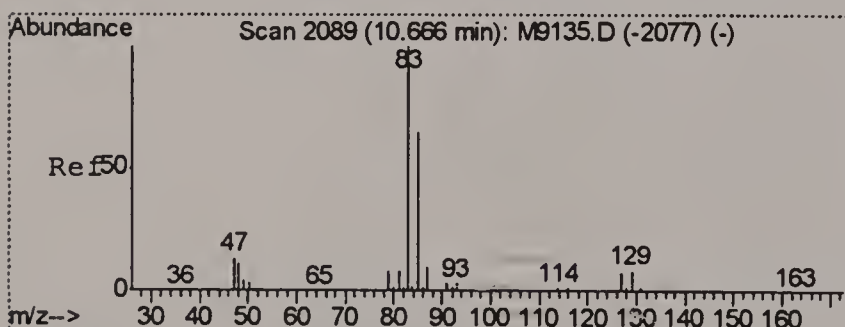
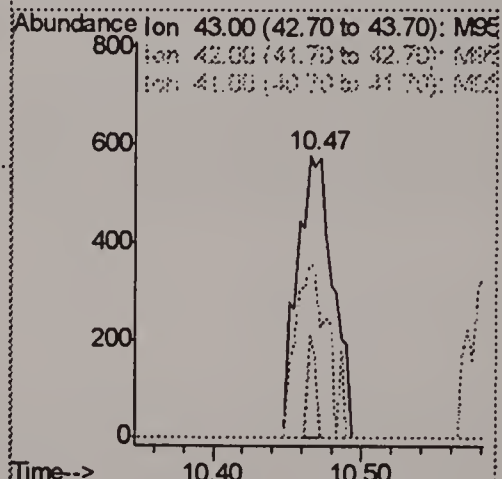
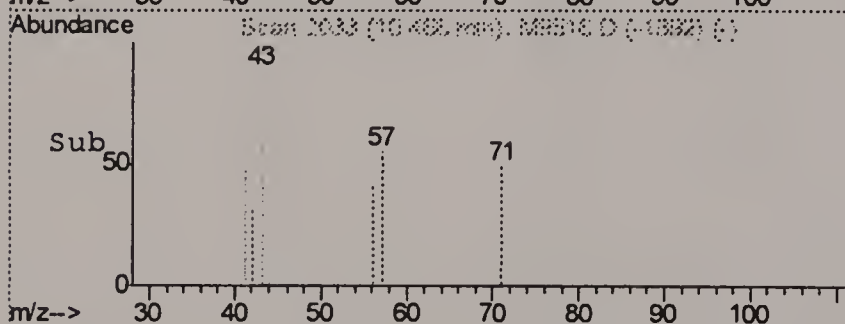
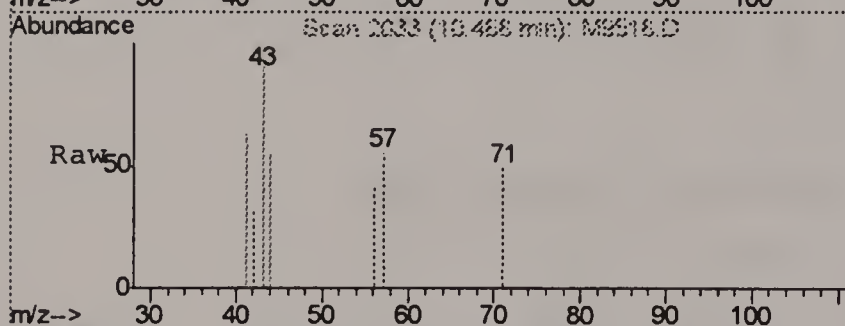
Tgt Ion: 93 Resp: 456
Ion Ratio Lower Upper
93 100
95 84.9 52.8 112.8
174 90.5 47.0 107.0





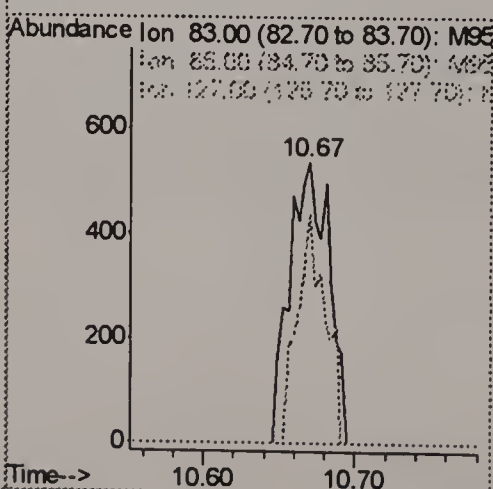
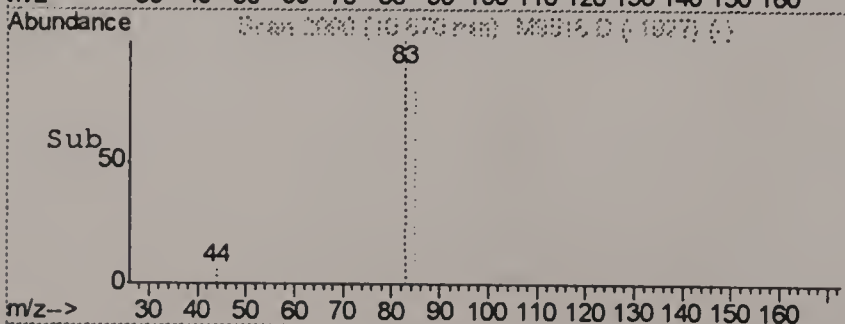
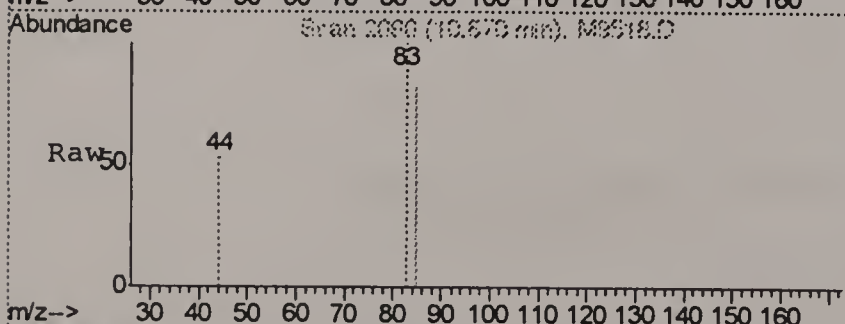
#55
2-Nitropropane
Concen: 0.79 ug/L m
RT: 10.47 min Scan# 2033
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

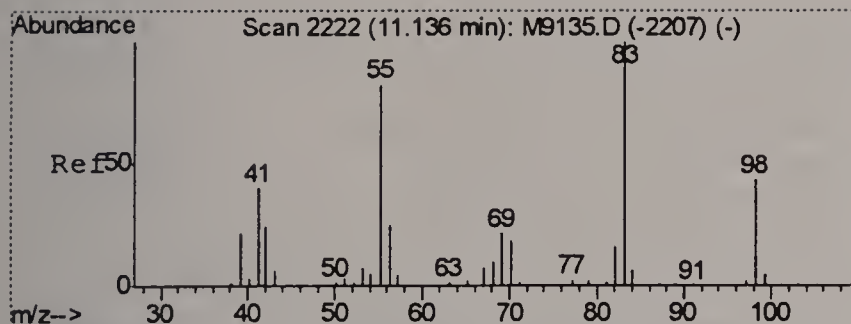
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
42 0.0 2.4 42.4#
41 0.0 34.2 74.2#



#56
bromodichloromethane
Concen: 0.95 ug/L m
RT: 10.67 min Scan# 2090
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

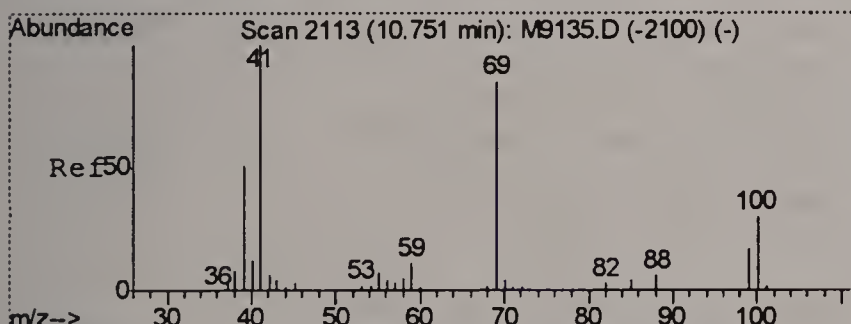
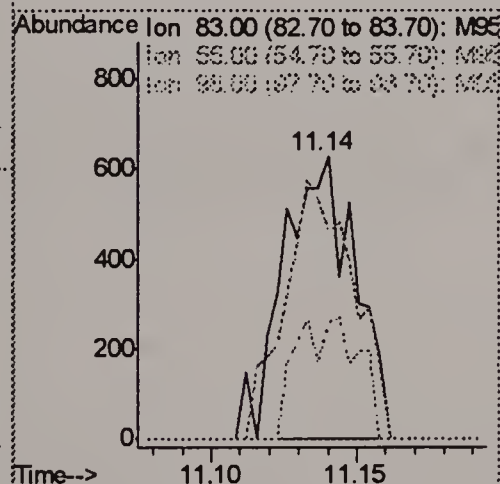
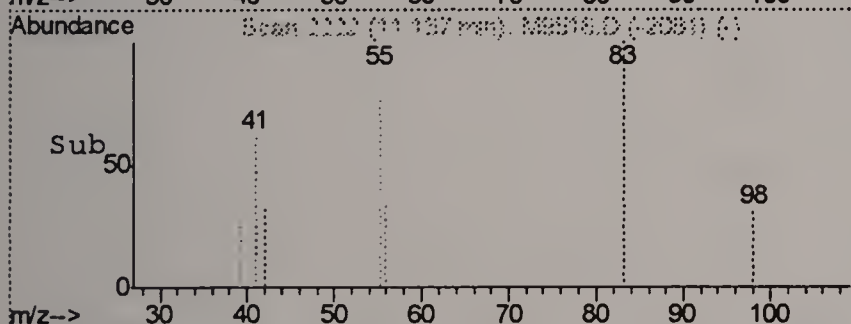
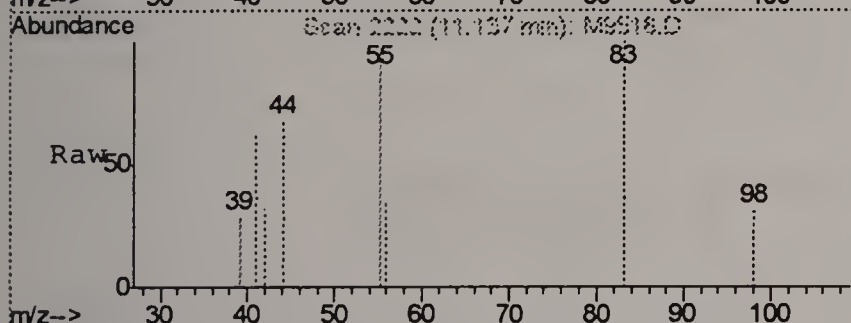
Tgt Ion: 83 Resp: 973
Ion Ratio Lower Upper
83 100
85 82.2 34.0 94.0
127 0.0 0.0 37.1





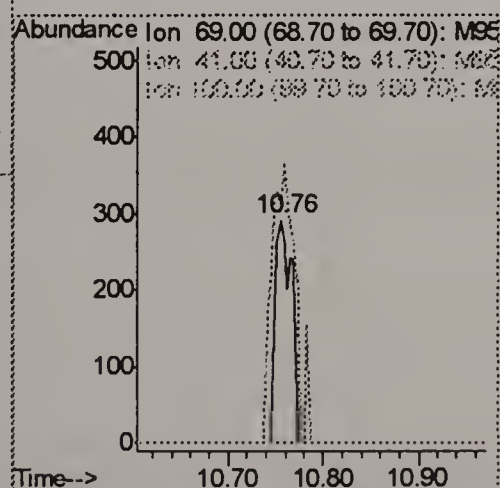
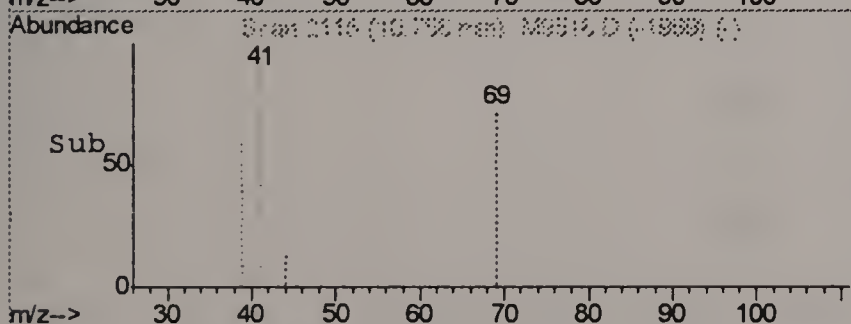
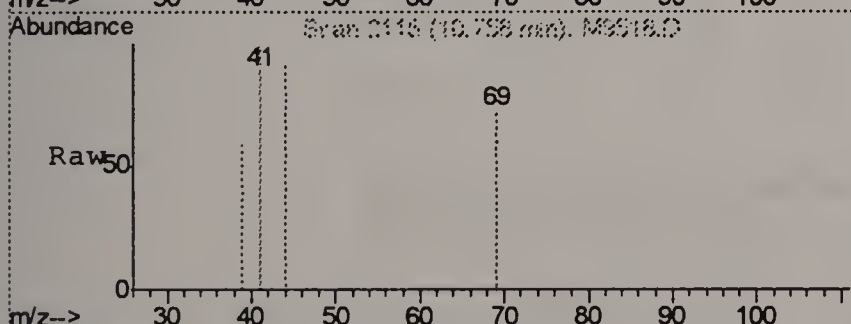
#57
Methylcyclohexane
Concen: 0.74 ug/L
RT: 11.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

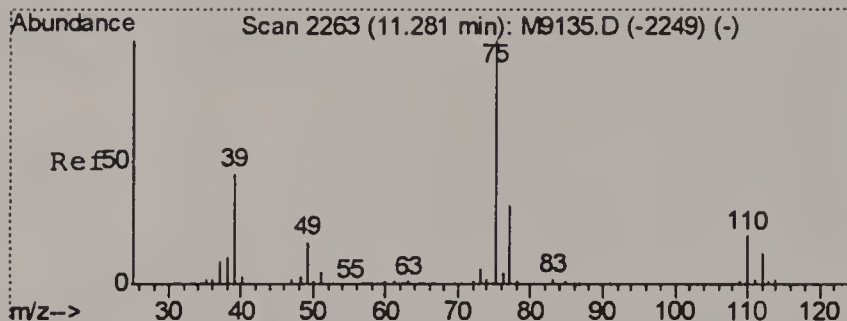
Tgt Ion: 83 Resp: 1081
Ion Ratio Lower Upper
83 100
55 96.6 67.7 107.7
98 31.2 22.4 62.4



#59
methyl methacrylate
Concen: 0.52 ug/L m
RT: 10.76 min Scan# 2115
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

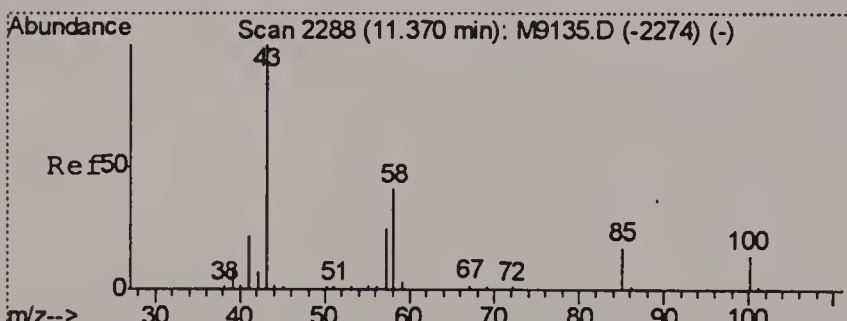
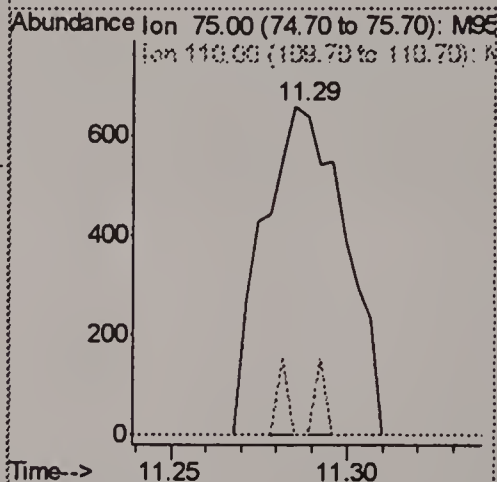
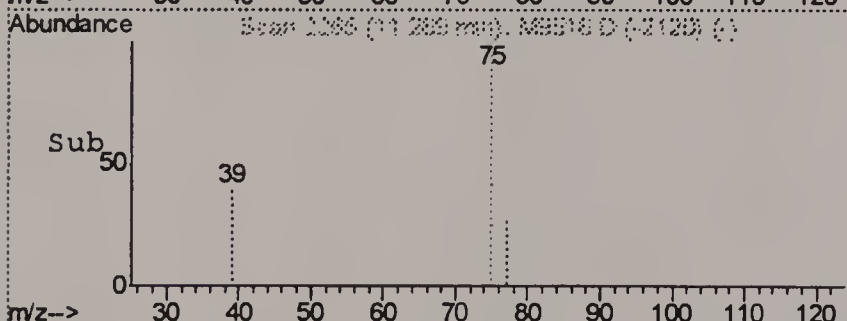
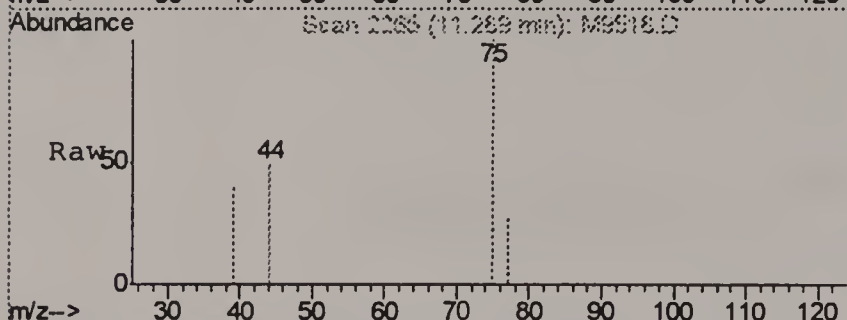
Tgt Ion: 69 Resp: 353
Ion Ratio Lower Upper
69 100
41 139.8 96.8 156.8
100 0.0 7.0 67.0#





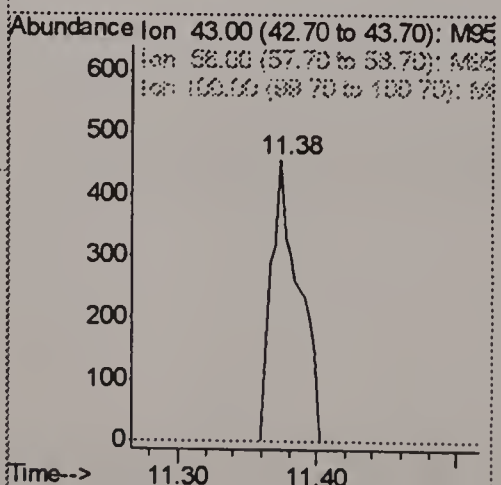
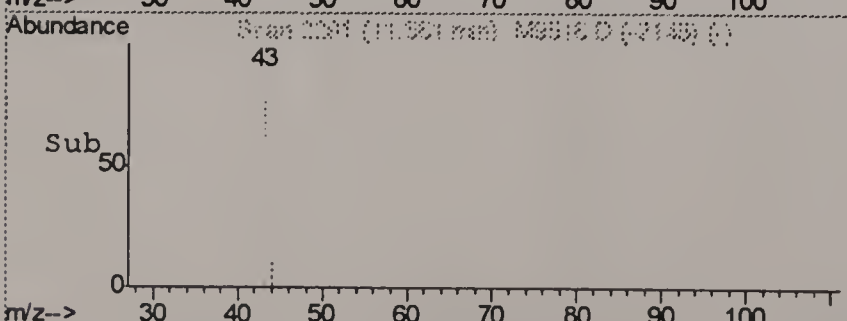
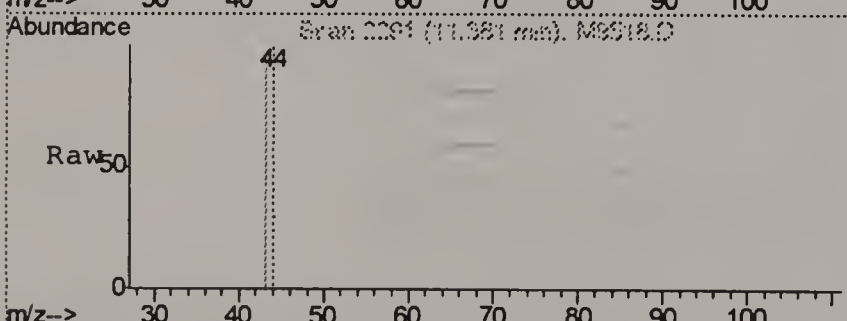
#61
 cis-1,3-dichloropropene
 Concen: 0.79 ug/L
 RT: 11.29 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

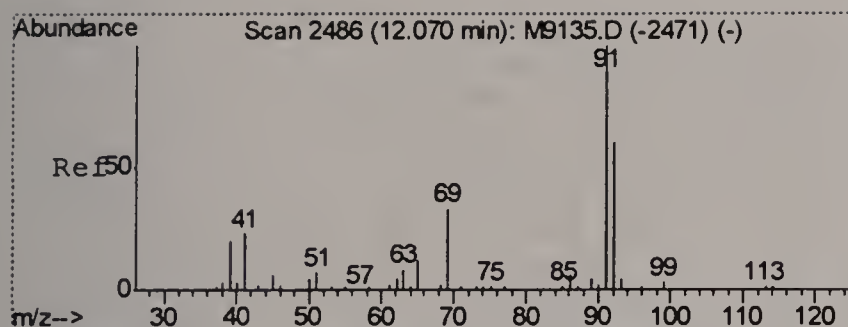
Tgt Ion: 75 Resp: 1064
 Ion Ratio Lower Upper
 75 100
 110 0.0 0.0 49.1



#63
 4-methyl-2-pentanone
 Concen: 0.60 ug/L m
 RT: 11.38 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

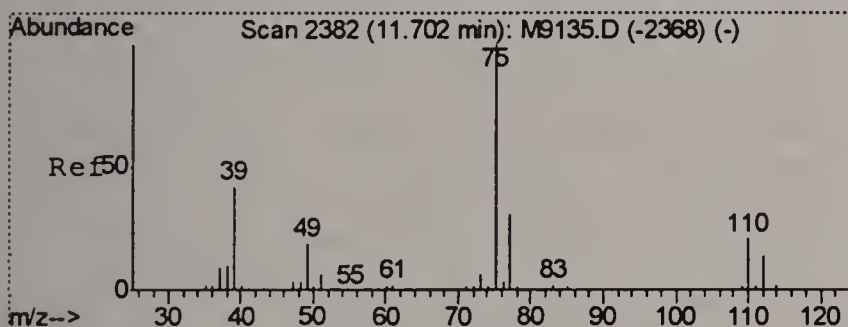
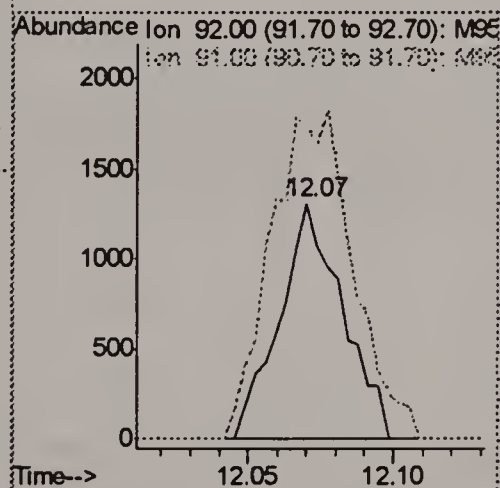
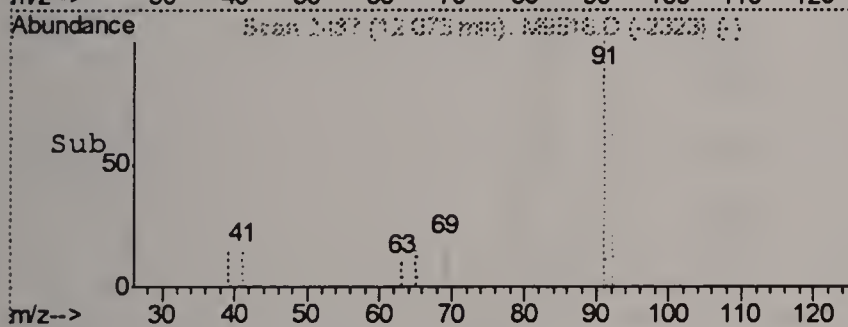
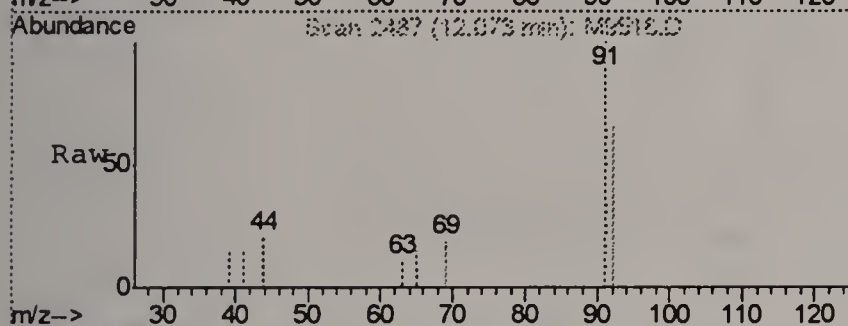
Tgt Ion: 43 Resp: 630
 Ion Ratio Lower Upper
 43 100
 58 0.0 11.8 71.8#
 100 0.0 0.0 42.5





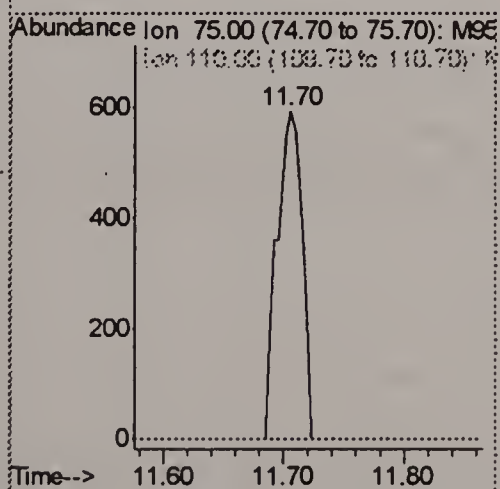
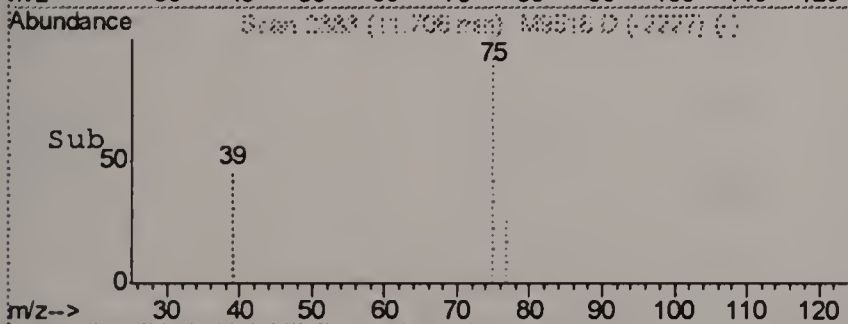
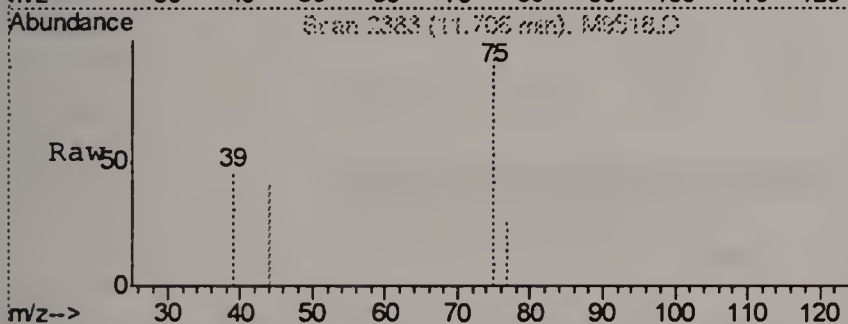
#64
toluene
Concen: 0.90 ug/L
RT: 12.07 min Scan# 2487
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

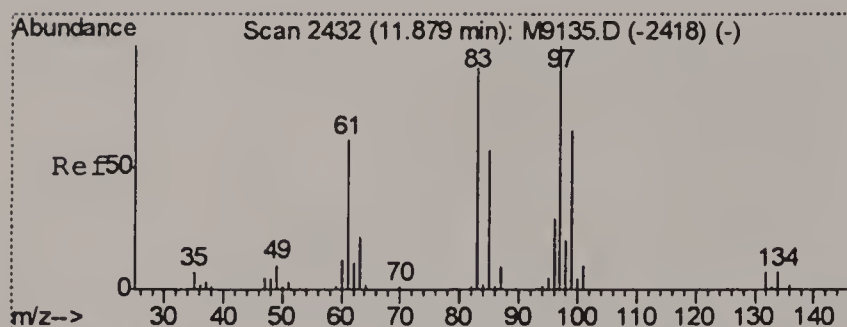
Tgt Ion: 92 Resp: 1967
Ion Ratio Lower Upper
92 100
91 152.5 134.0 194.0



#65
trans-1,3-dichloropropene
Concen: 0.81 ug/L m
RT: 11.71 min Scan# 2383
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

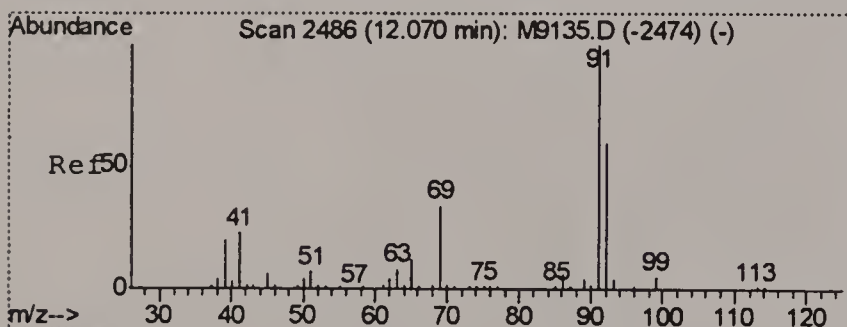
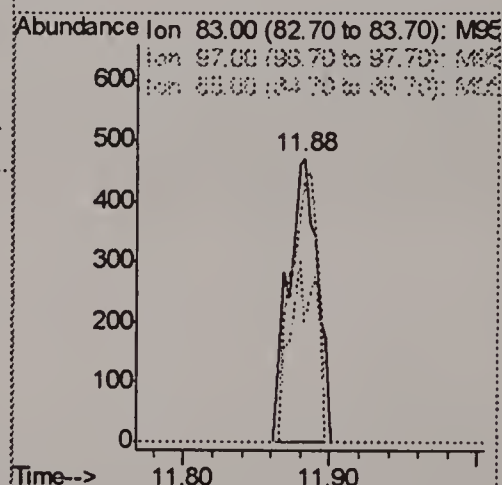
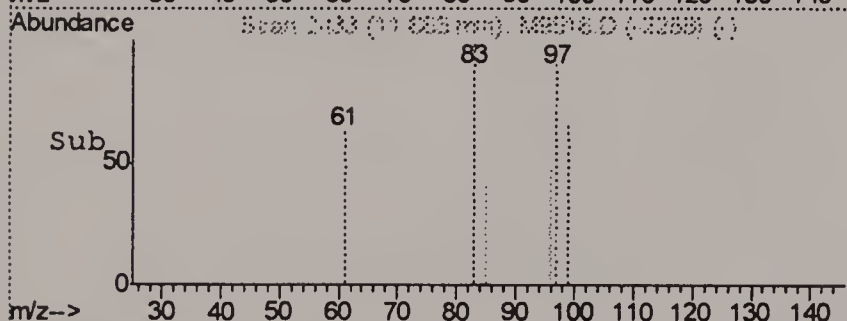
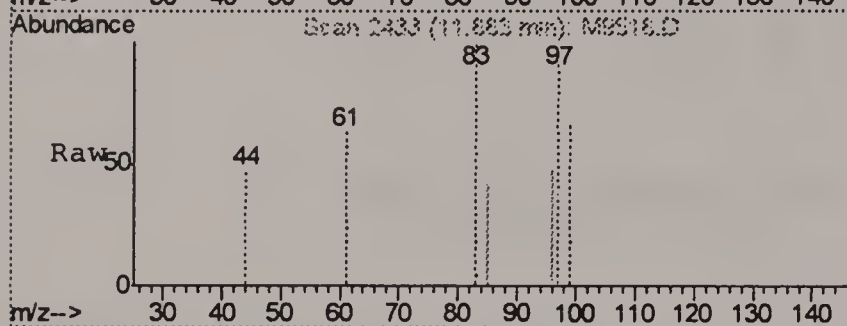
Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
110 0.0 0.0 52.9





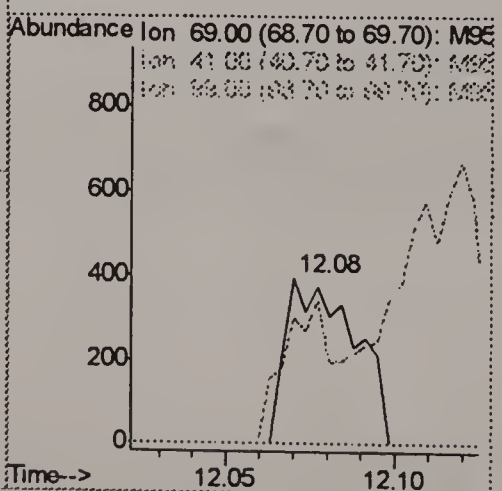
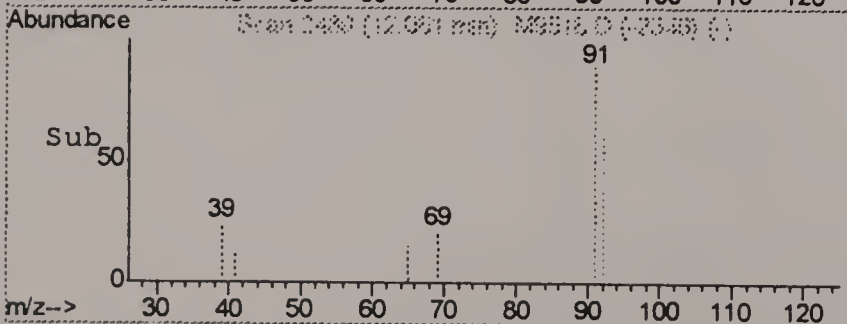
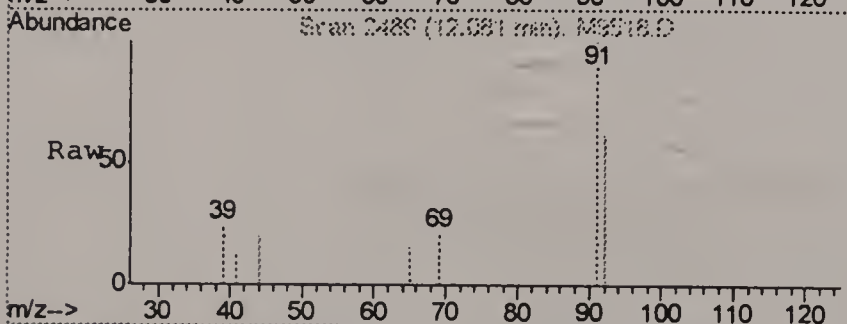
#66
1,1,2-trichloroethane
Concen: 0.94 ug/L m
RT: 11.88 min Scan# 2433
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

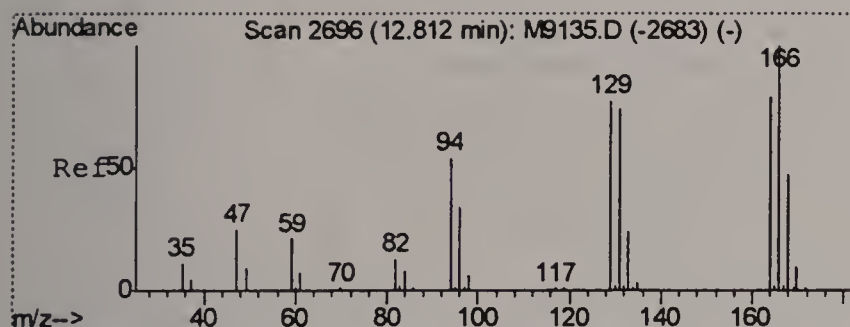
Tgt Ion: 83 Resp: 641
Ion Ratio Lower Upper
83 100
97 91.7 82.7 142.7
85 42.0 34.9 94.9



#67
ethyl methacrylate
Concen: 0.48 ug/L m
RT: 12.08 min Scan# 2489
Delta R.T. 0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

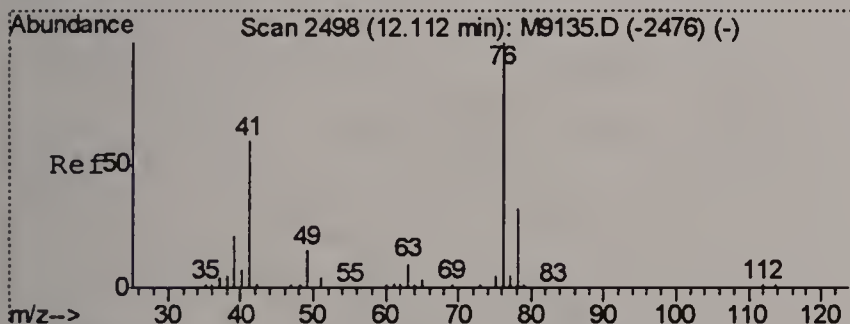
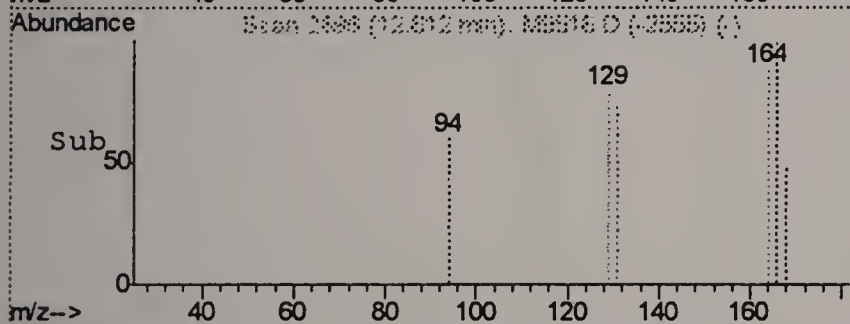
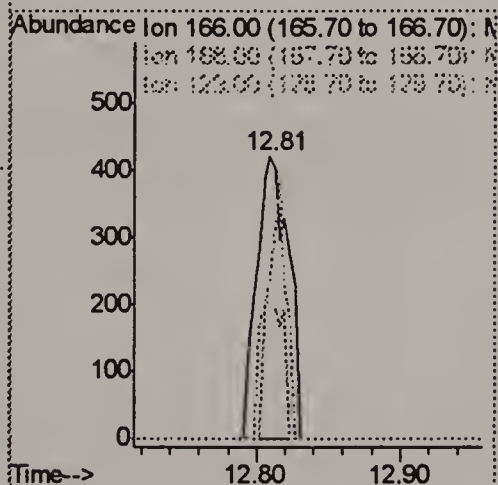
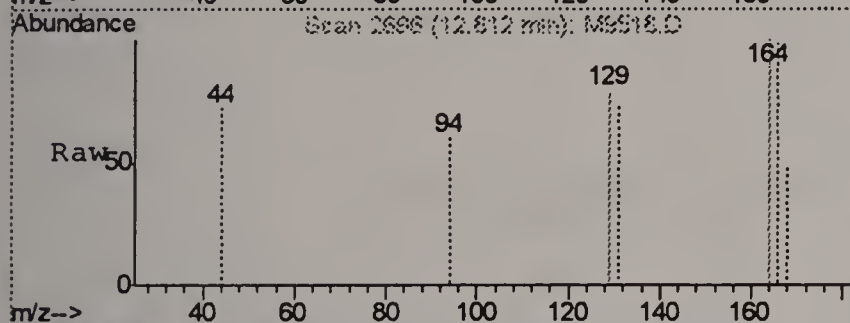
Tgt Ion: 69 Resp: 557
Ion Ratio Lower Upper
69 100
41 64.4 44.9 104.9
99 0.0 0.0 48.9





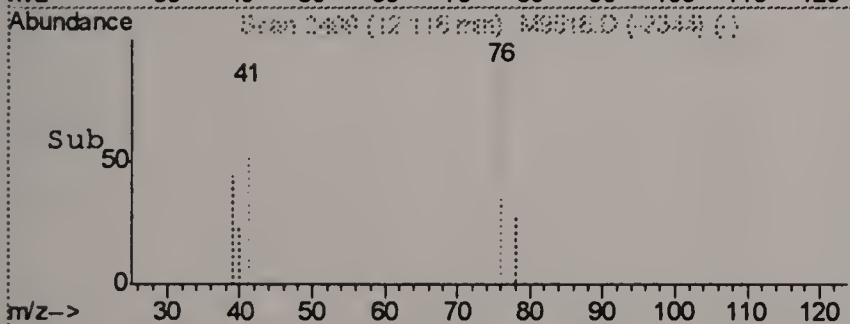
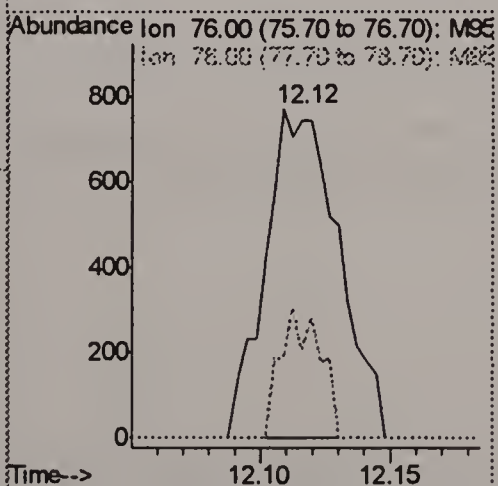
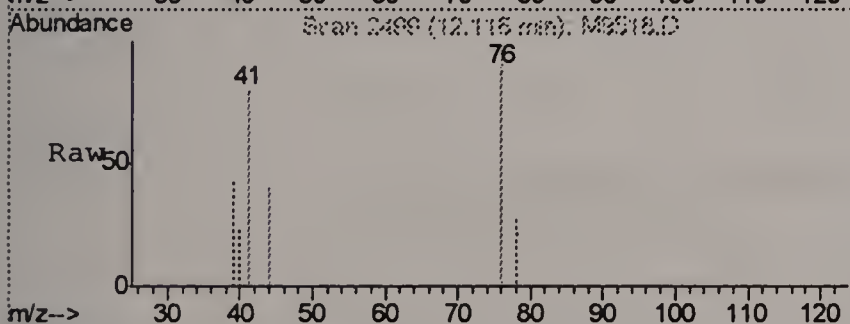
#69
tetrachloroethene
Concen: 0.97 ug/L m
RT: 12.81 min Scan# 2696
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

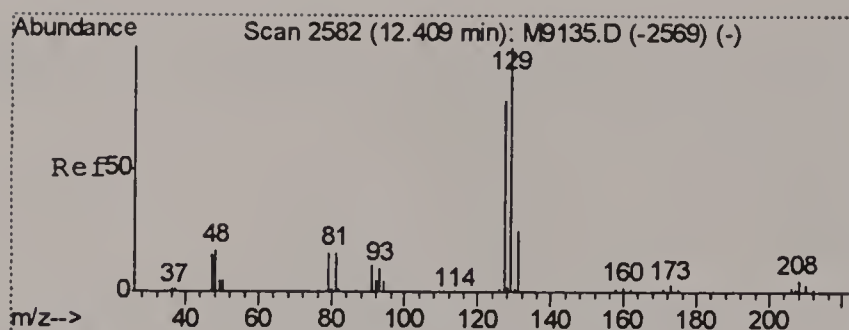
Tgt Ion: 166 Resp: 633
Ion Ratio Lower Upper
166 100
168 48.0 17.8 77.8
129 79.1 47.8 107.8



#70
1,3-dichloropropane
Concen: 1.03 ug/L
RT: 12.12 min Scan# 2499
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

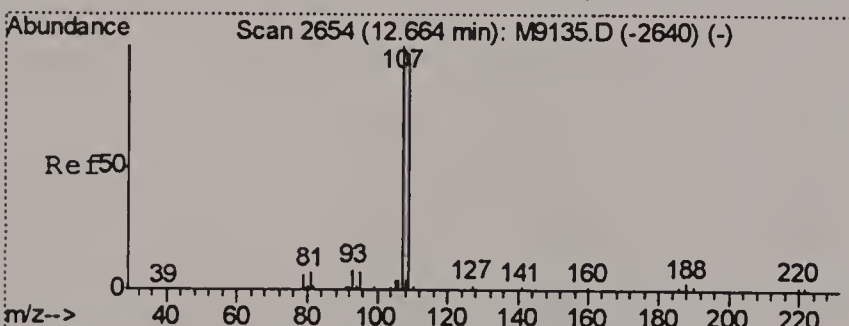
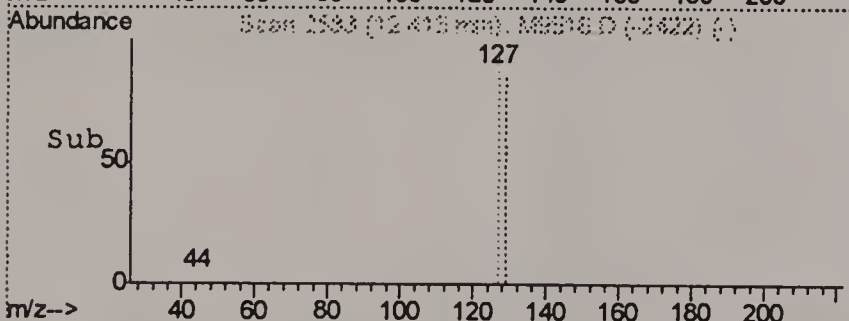
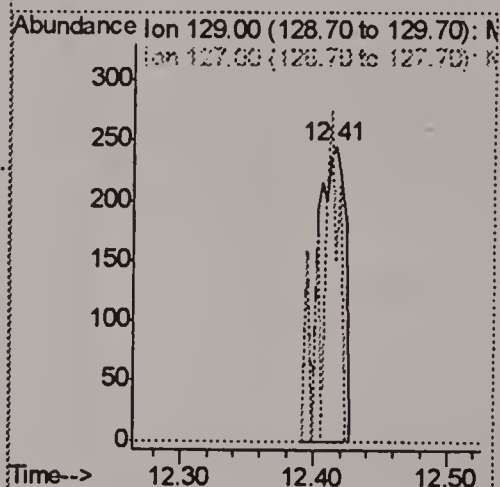
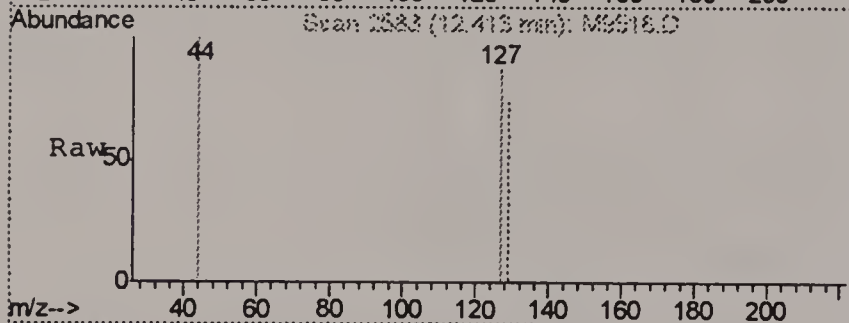
Tgt Ion: 76 Resp: 1510
Ion Ratio Lower Upper
76 100
78 27.8 2.4 62.4





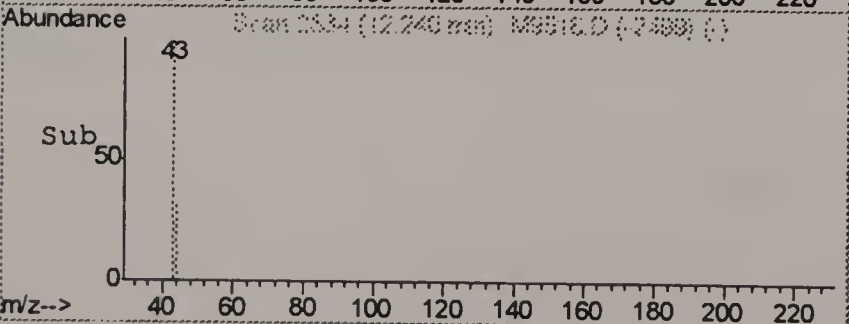
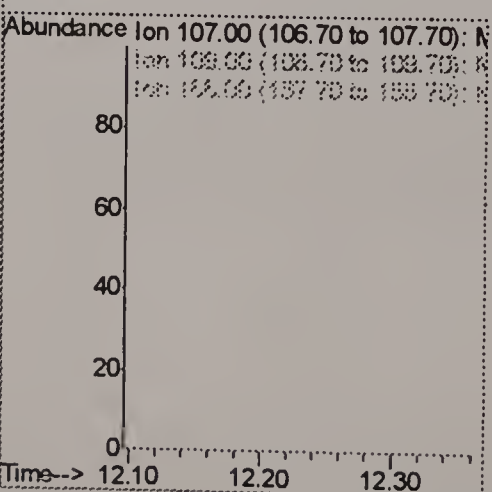
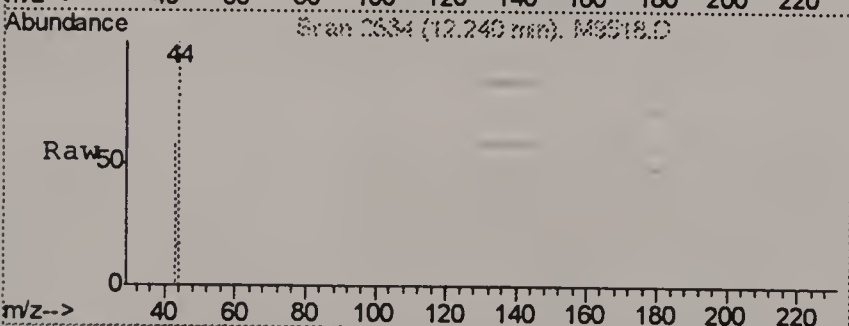
#71
dibromochloromethane
Concen: 0.61 ug/L m
RT: 12.41 min Scan# 2583
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

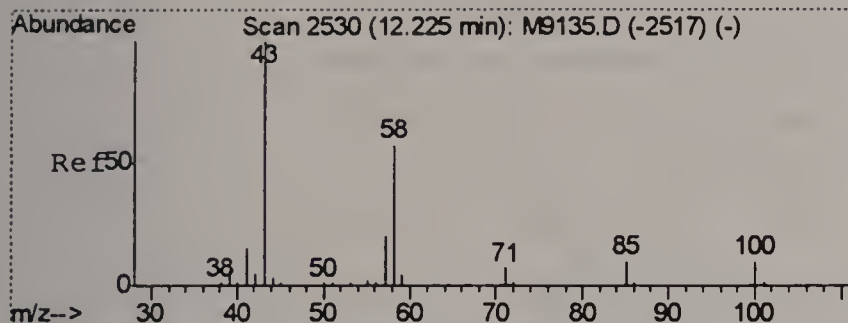
Tgt Ion: 129 Resp: 351
Ion Ratio Lower Upper
129 100
127 117.0 47.1 107.1#



#72
1,2-dibromoethane
Concen: 0.32 ug/L m
RT: 12.24 min Scan# 2534
Delta R.T. -0.43 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

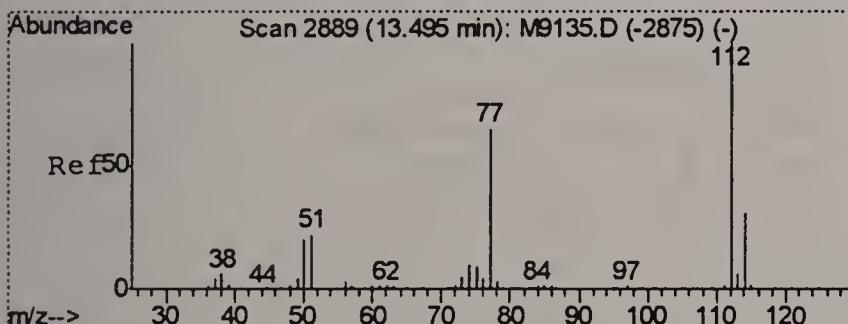
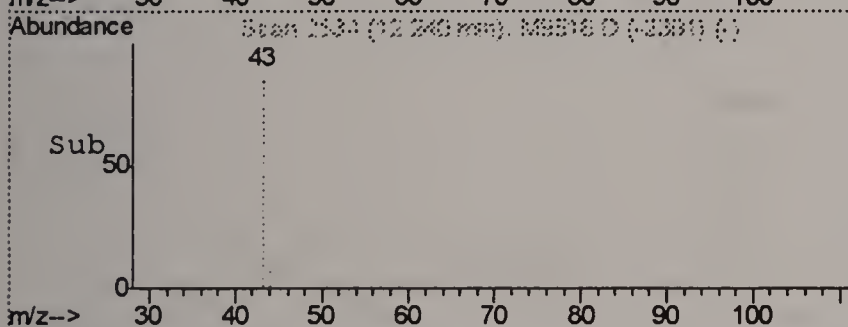
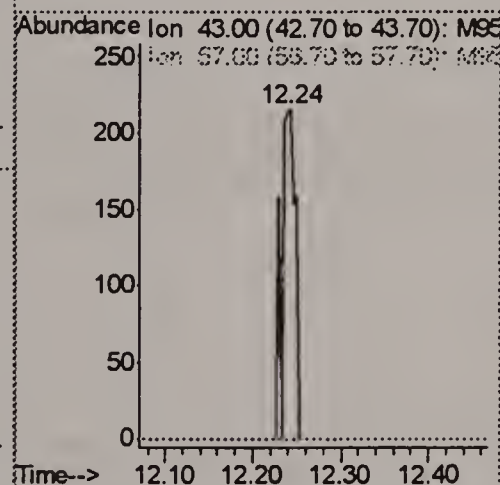
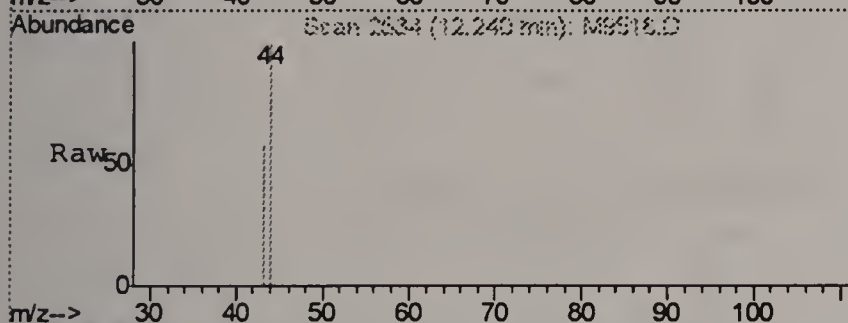
Tgt Ion: 107 Resp: 235
Ion Ratio Lower Upper
107 100
109 0.0 63.7 123.7#
188 0.0 0.0 32.5





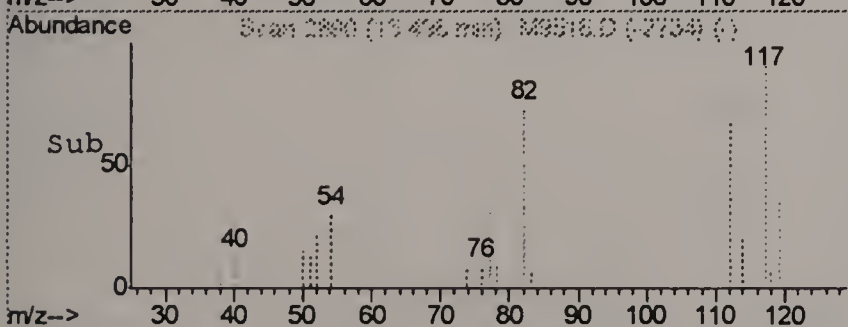
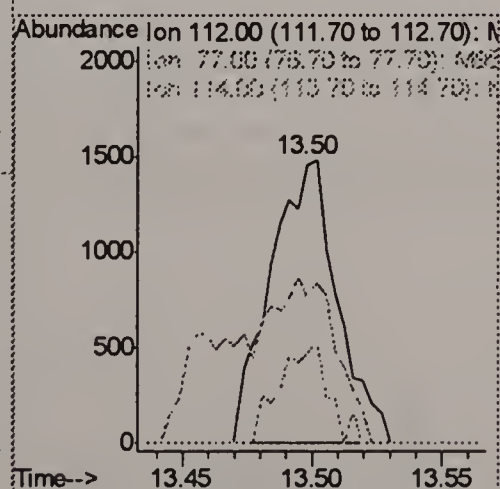
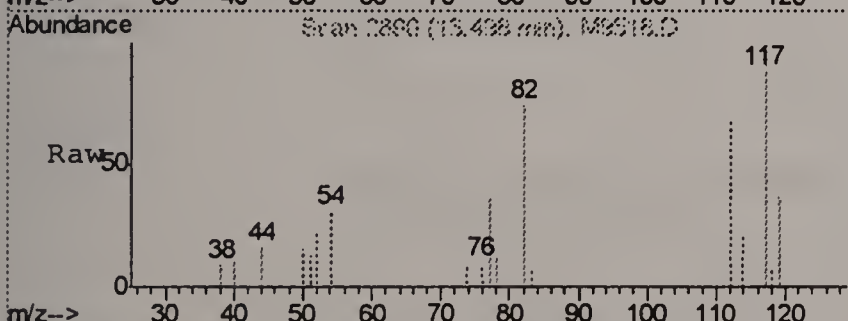
#73
2-hexanone
Concen: 0.32 ug/L m
RT: 12.24 min Scan# 2534
Delta R.T. 0.01 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

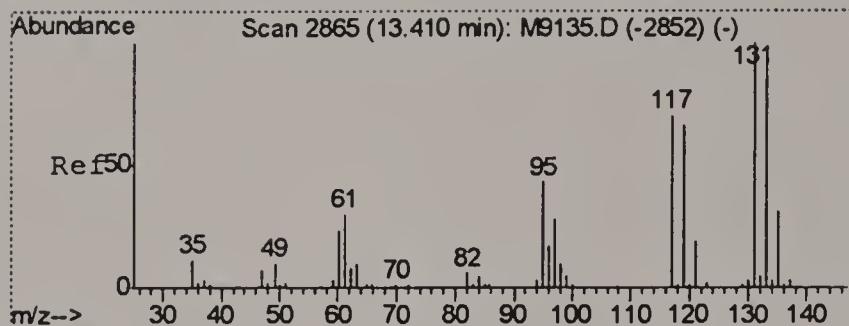
Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
57 0.0 0.0 48.7



#74
chlorobenzene
Concen: 1.17 ug/L
RT: 13.50 min Scan# 2890
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

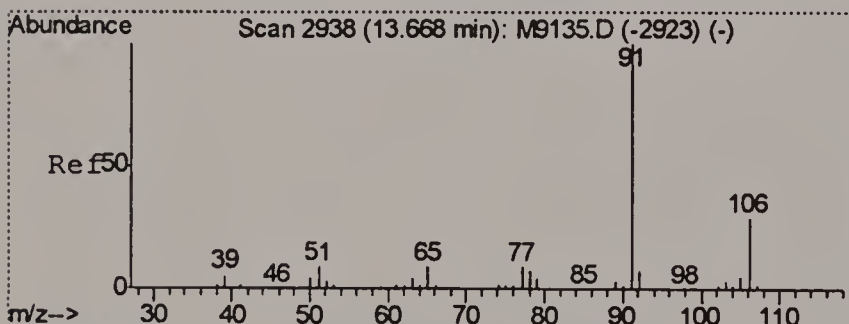
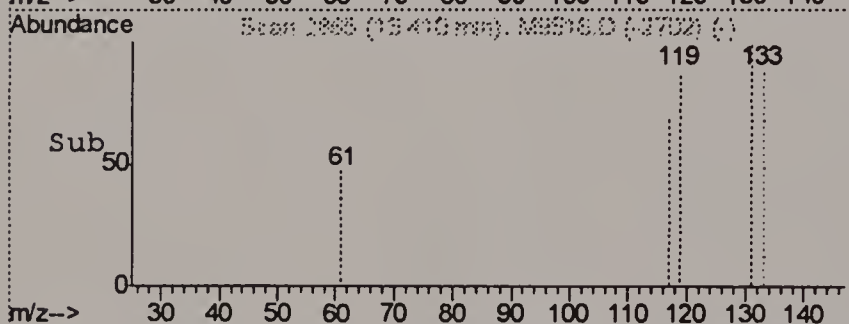
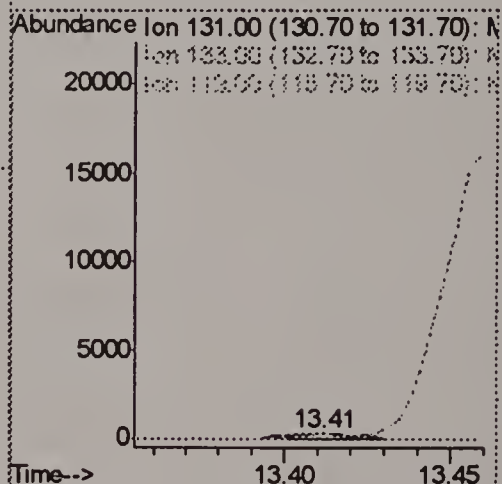
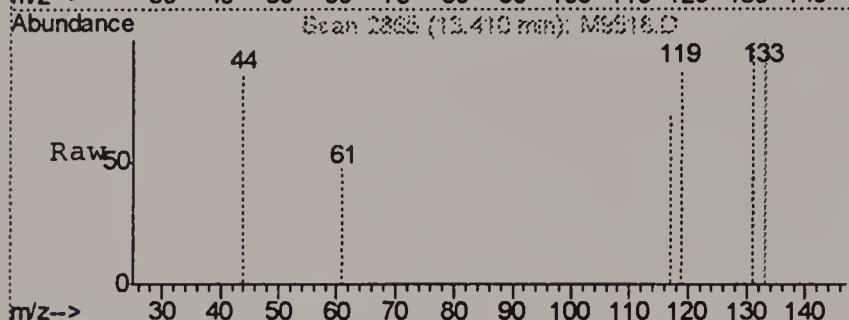
Tgt Ion: 112 Resp: 2660
Ion Ratio Lower Upper
112 100
77 52.6 32.7 92.7
114 32.5 0.0 58.1





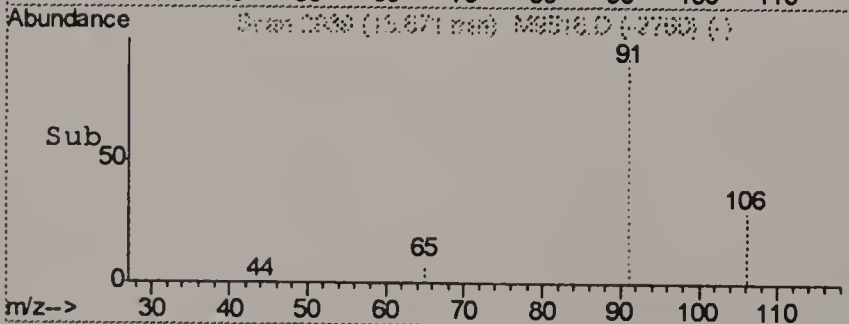
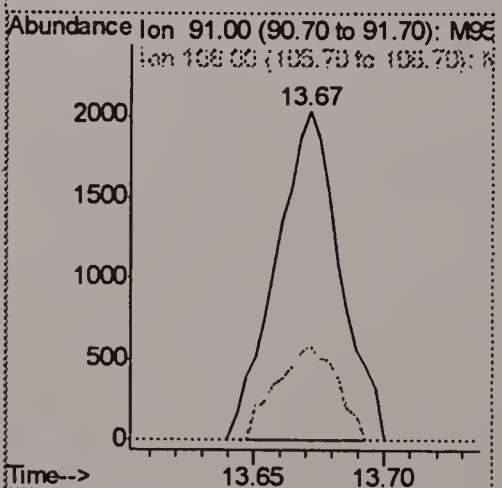
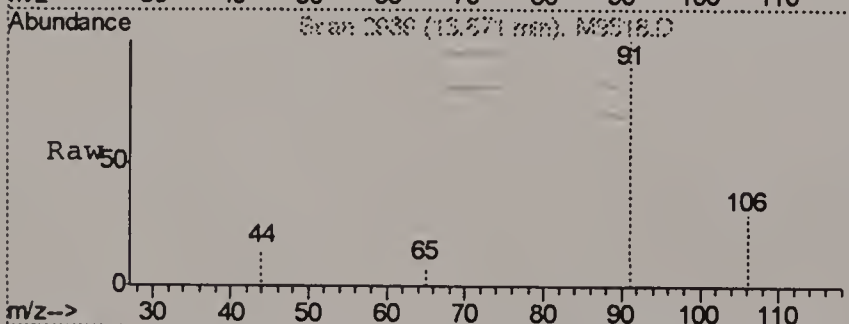
#75
1,1,1,2-tetrachloroethane
Concen: 0.81 ug/L m
RT: 13.41 min Scan# 2865
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

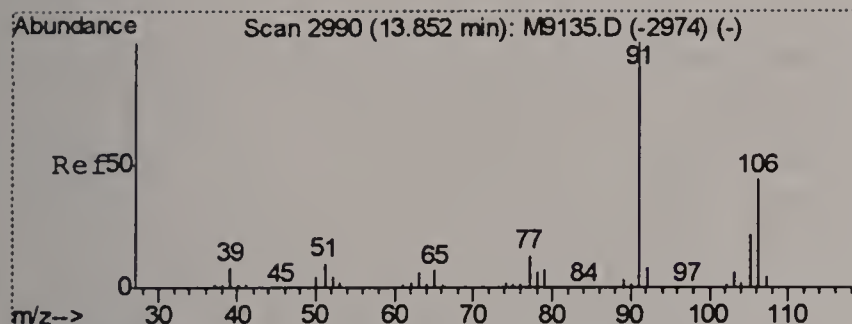
Tgt Ion: 131 Resp: 483
Ion Ratio Lower Upper
131 100
133 100.6 68.4 128.4
119 88.0 37.1 97.1



#76
ethylbenzene
Concen: 0.84 ug/L
RT: 13.67 min Scan# 2939
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

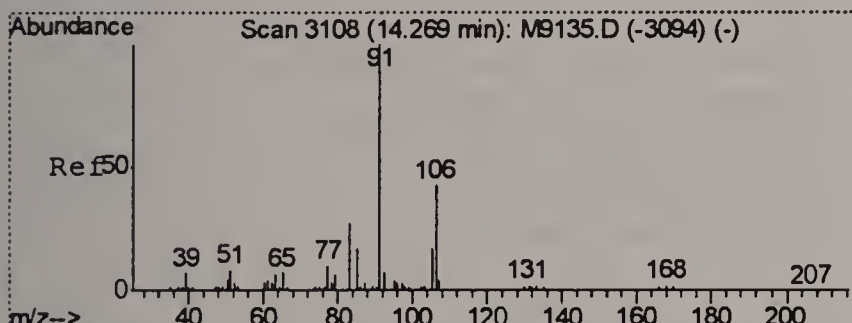
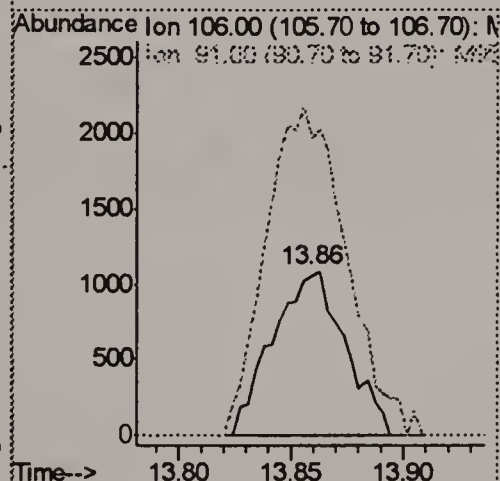
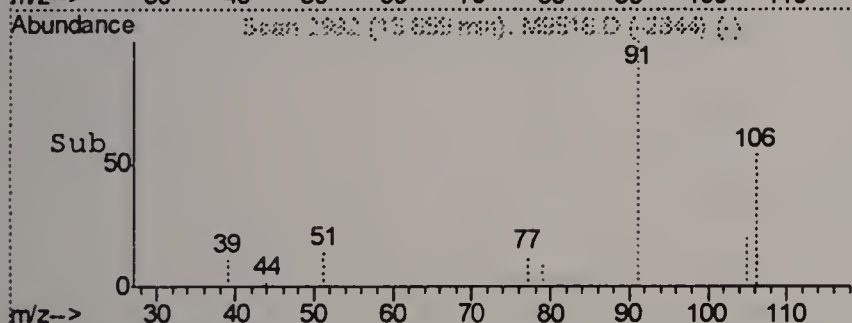
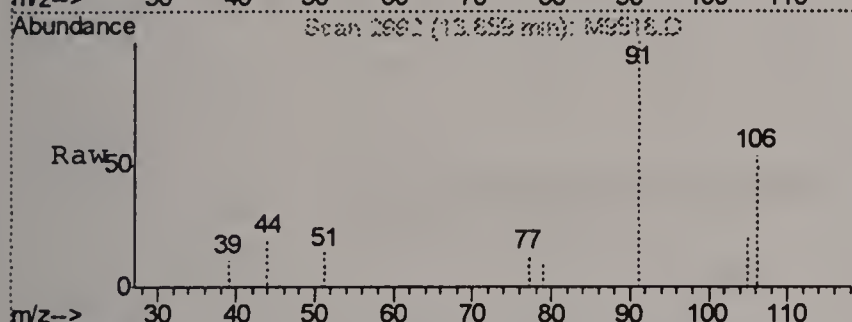
Tgt Ion: 91 Resp: 3470
Ion Ratio Lower Upper
91 100
106 29.1 0.0 58.7





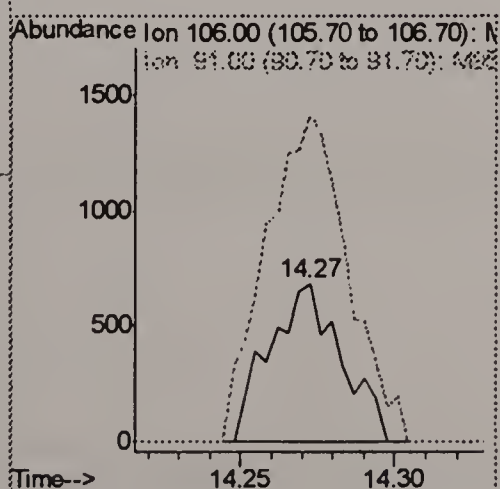
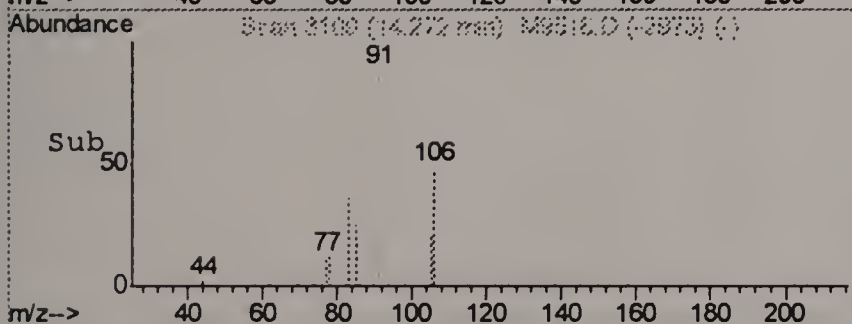
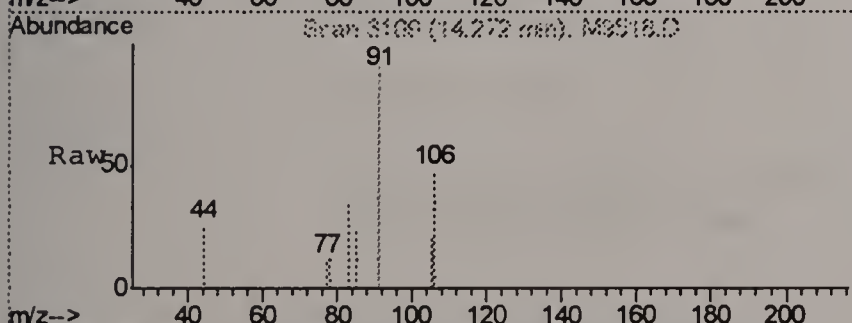
#77
m,p-xylene
Concen: 1.66 ug/L
RT: 13.86 min Scan# 2992
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

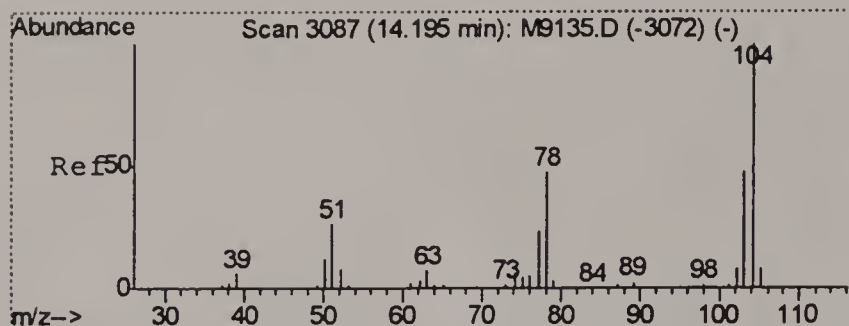
Tgt Ion:106 Resp: 2445
Ion Ratio Lower Upper
106 100
91 186.7 188.3 248.3#



#78
o-xylene
Concen: 0.78 ug/L
RT: 14.27 min Scan# 3109
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

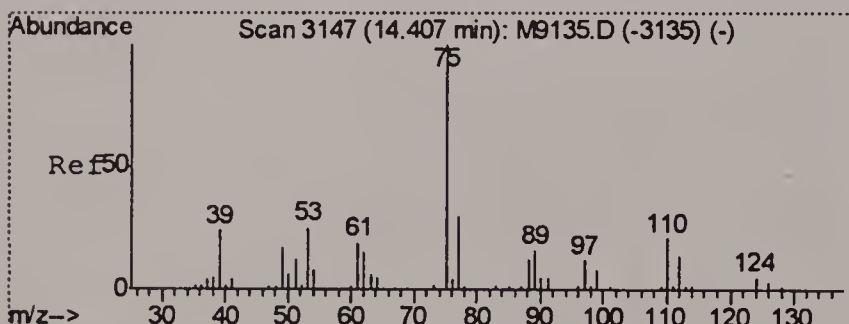
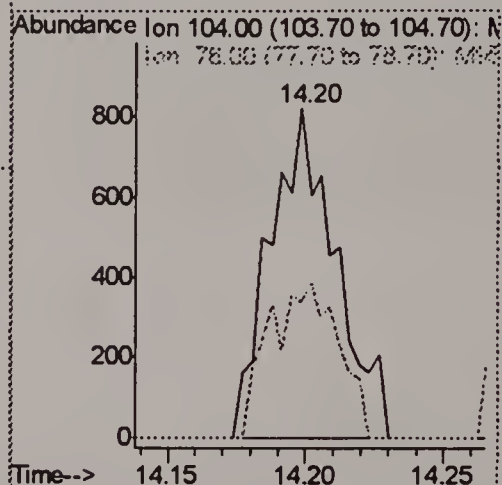
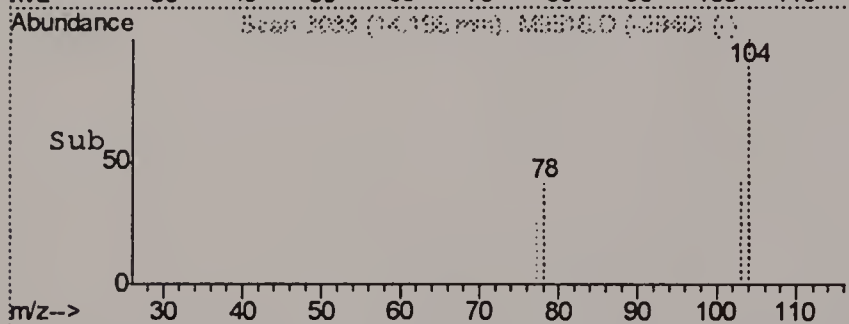
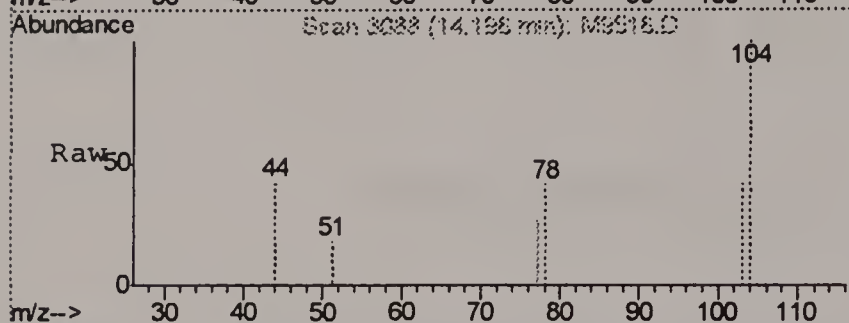
Tgt Ion:106 Resp: 1116
Ion Ratio Lower Upper
106 100
91 207.3 201.6 261.6





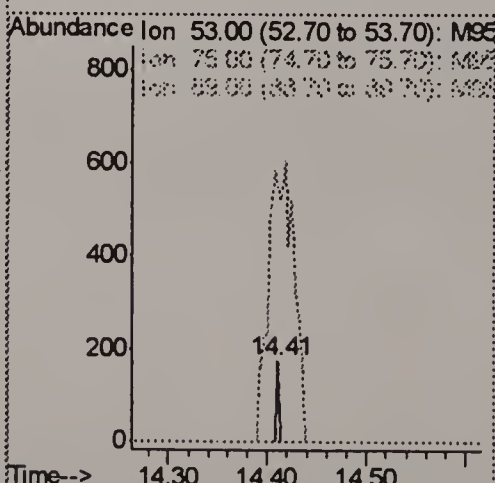
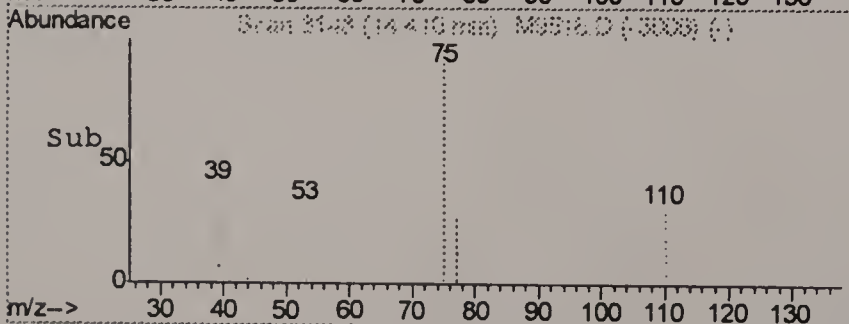
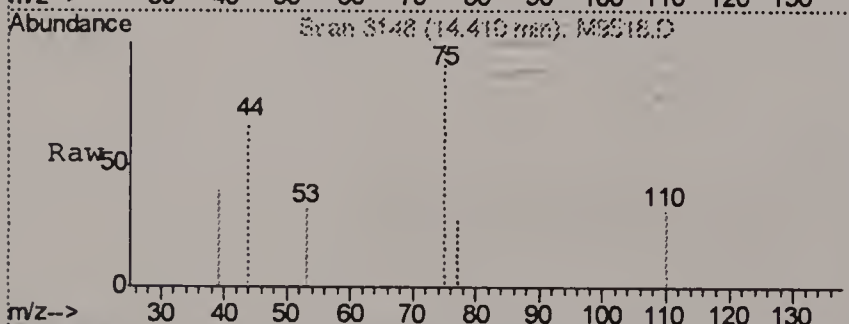
#79
styrene
Concen: 0.53 ug/L
RT: 14.20 min Scan# 3088
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

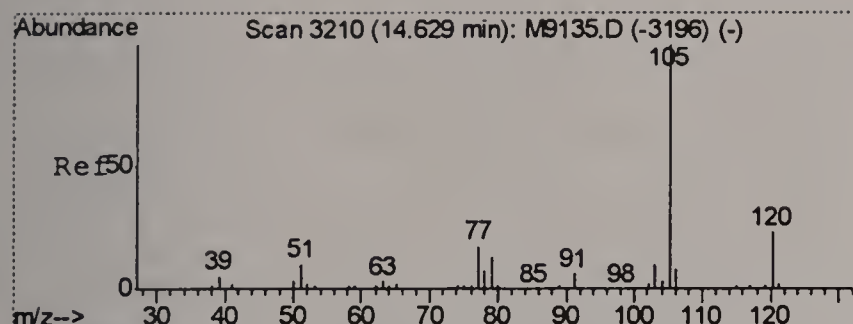
Tgt Ion: 104 Resp: 1362
Ion Ratio Lower Upper
104 100
78 41.1 15.0 75.0



#81
trans-1,4-dichloro-2-butene
Concen: 0.13 ug/L m
RT: 14.41 min Scan# 3148
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

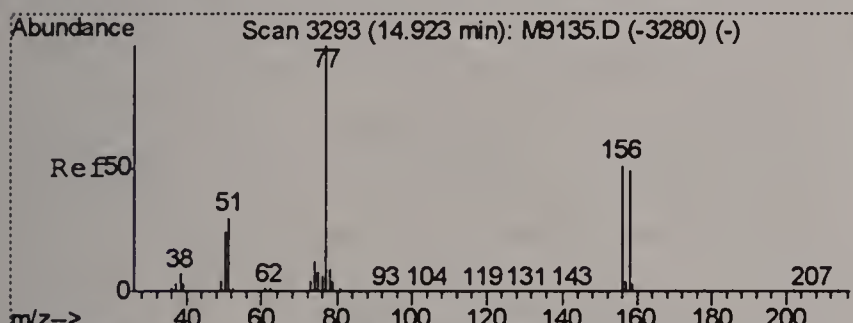
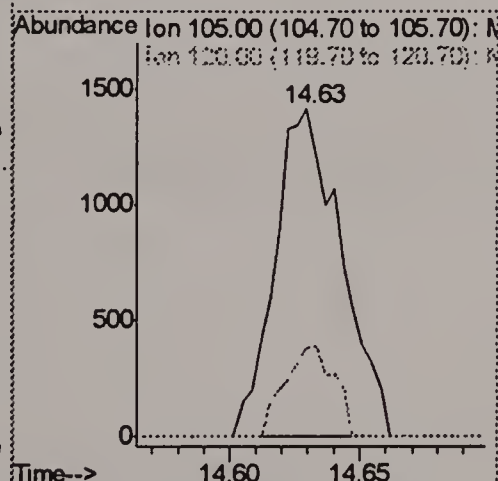
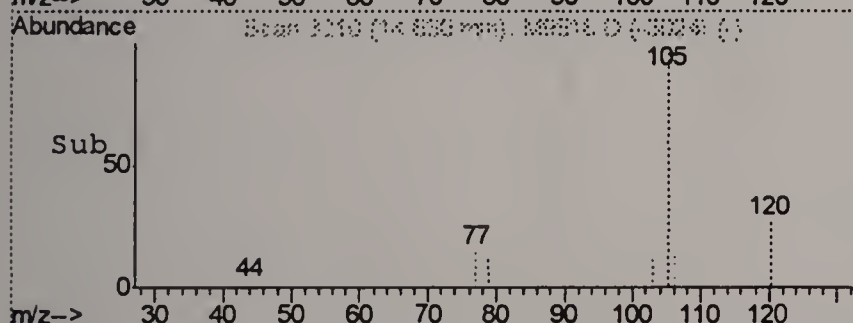
Tgt Ion: 53 Resp: 37
Ion Ratio Lower Upper
53 100
75 310.2 346.0 406.0#
89 0.0 26.3 86.3#





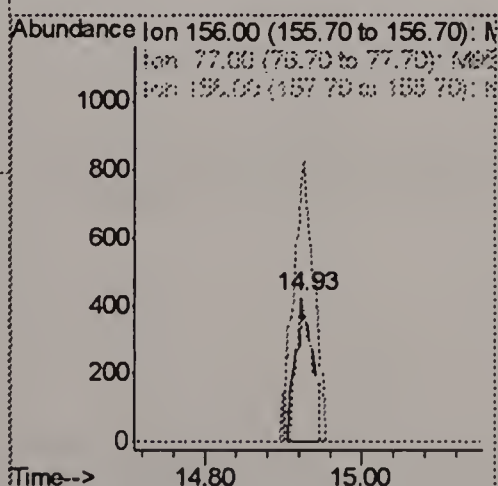
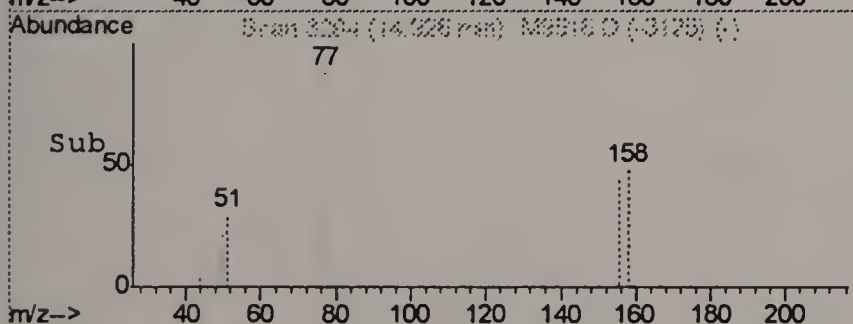
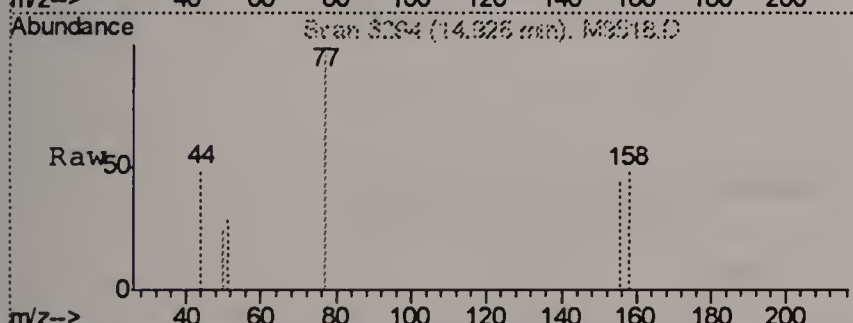
#83
isopropylbenzene
Concen: 0.74 ug/L
RT: 14.63 min Scan# 3210
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

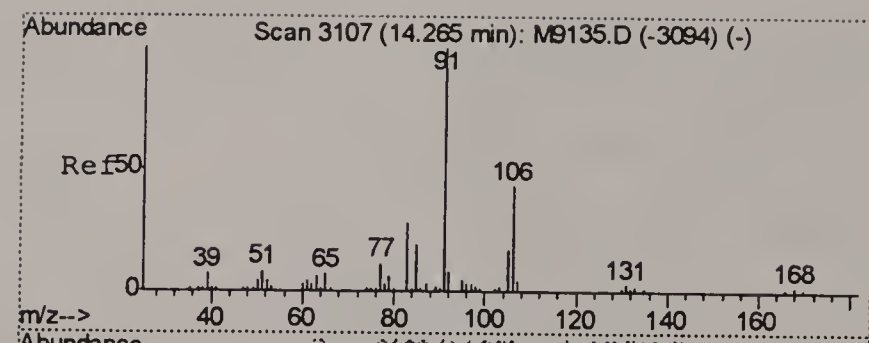
Tgt Ion: 105 Resp: 2522
Ion Ratio Lower Upper
105 100
120 26.9 0.0 54.3



#85
bromobenzene
Concen: 0.81 ug/L m
RT: 14.93 min Scan# 3294
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

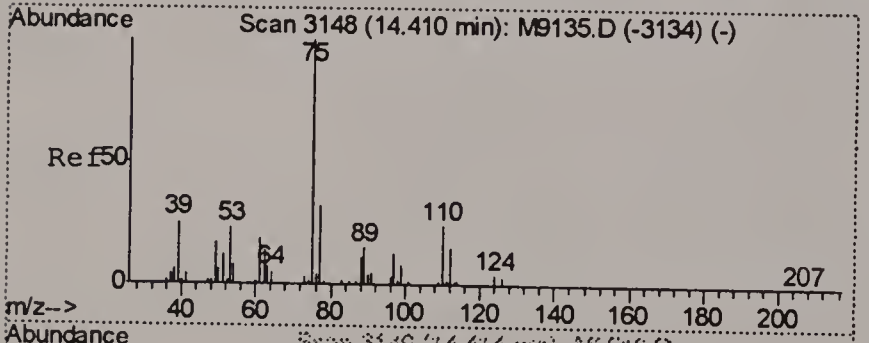
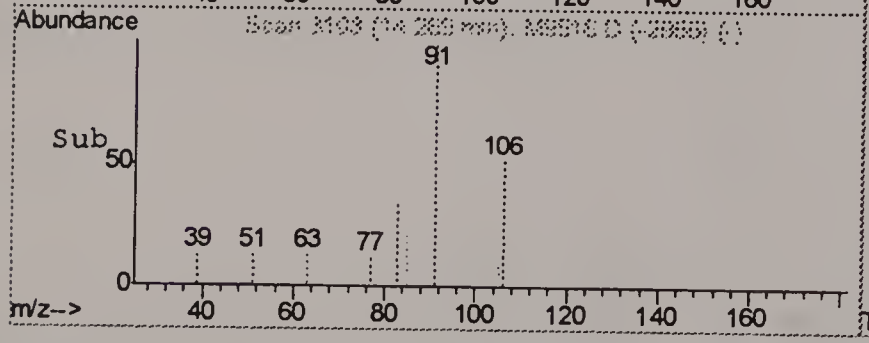
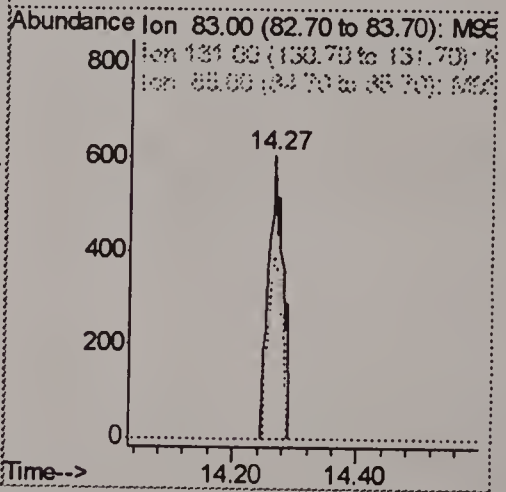
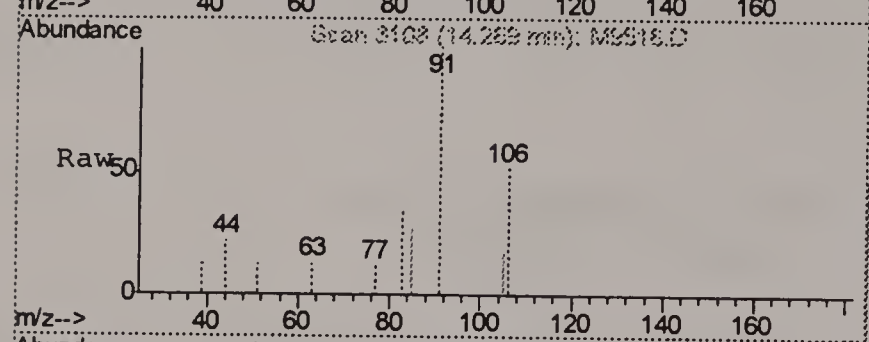
Tgt Ion: 156 Resp: 633
Ion Ratio Lower Upper
156 100
77 228.7 198.0 258.0
158 110.5 67.5 127.5





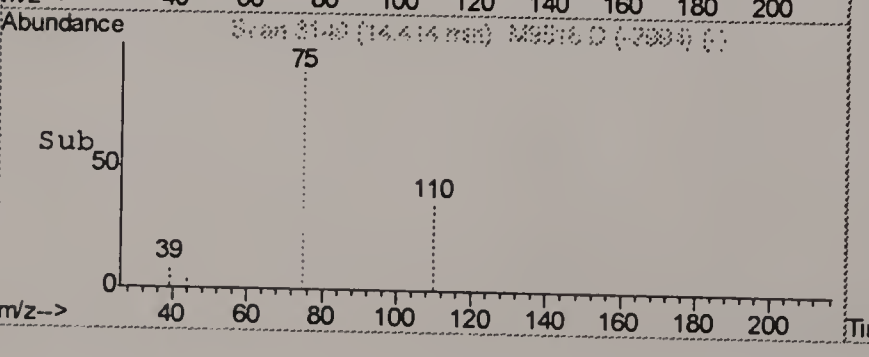
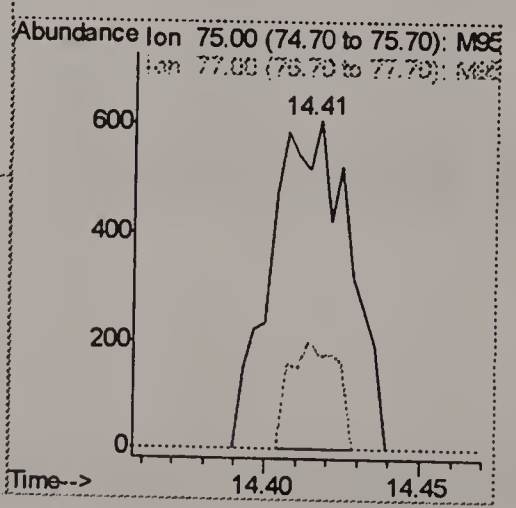
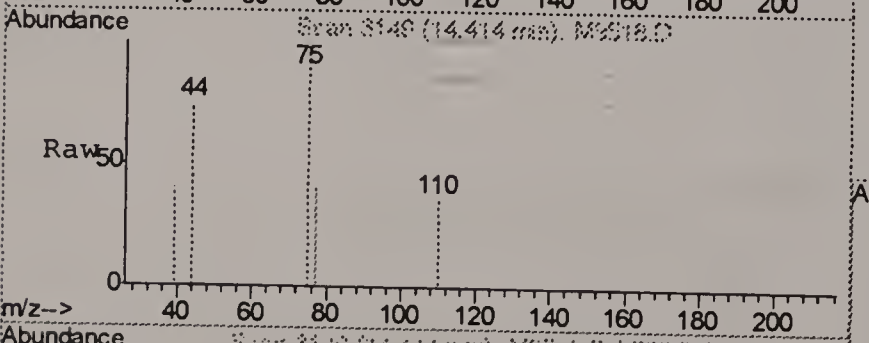
#86
 1,1,2,2-tetrachloroethane
 Concen: 0.92 ug/L m
 RT: 14.27 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

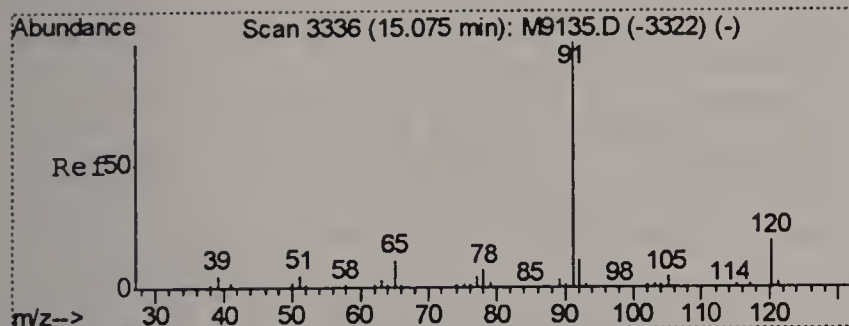
Tgt Ion:	83	Resp:	965
Ion Ratio	Lower	Upper	
83	100		
131	0.0	0.0	38.9
85	82.0	36.0	96.0



#87
 1,2,3-trichloropropane
 Concen: 0.83 ug/L
 RT: 14.41 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

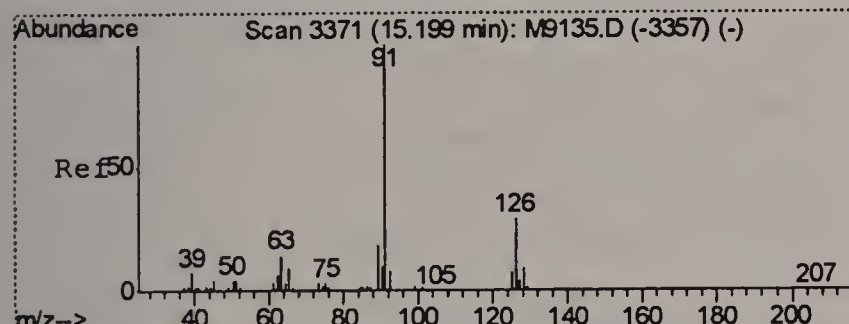
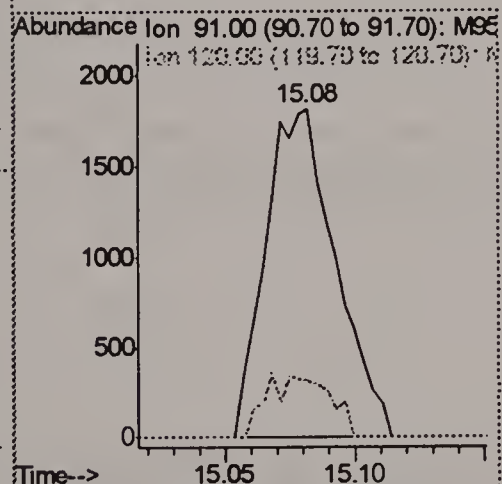
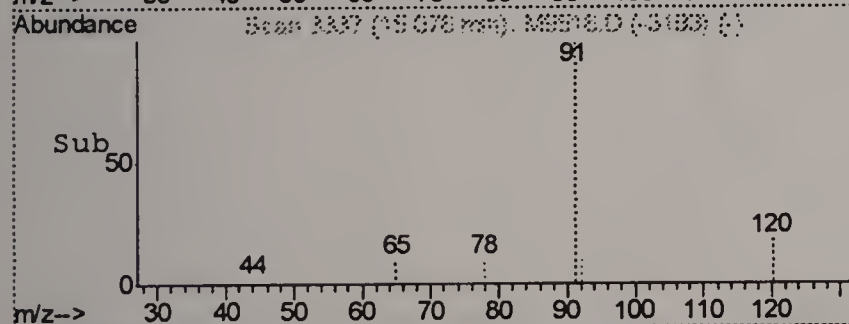
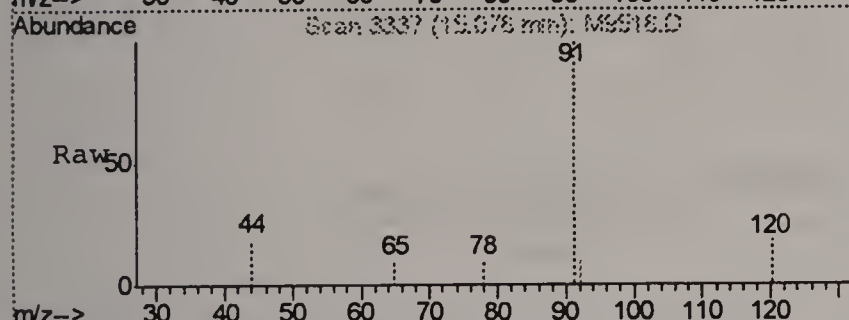
Tgt Ion:	75	Resp:	1075
Ion Ratio	Lower	Upper	
75	100		
77	39.6	0.7	60.7





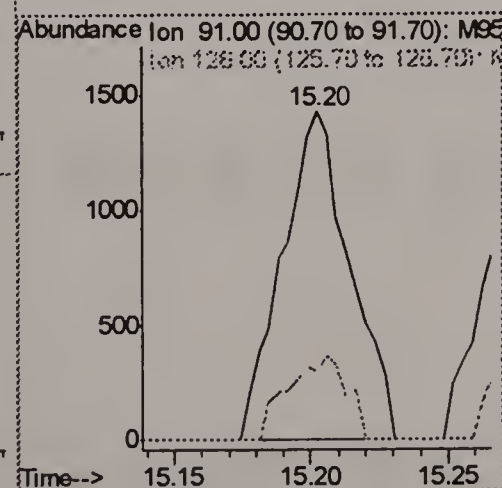
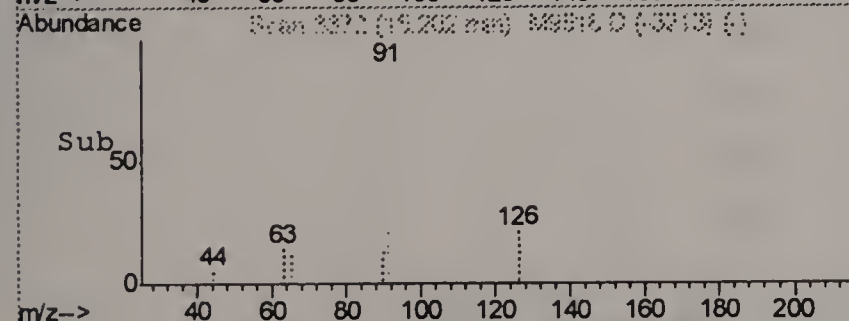
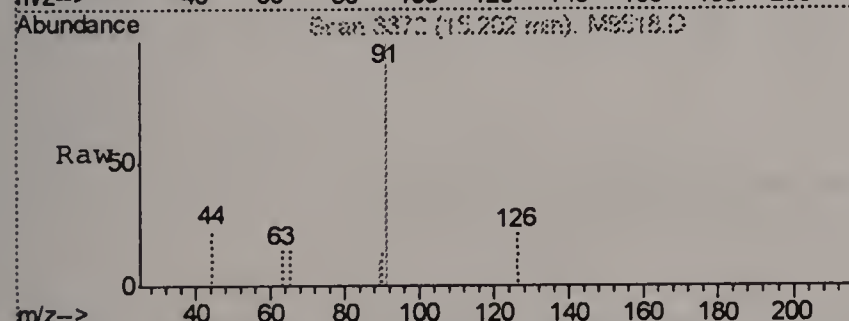
#88
n-propylbenzene
Concen: 0.70 ug/L
RT: 15.08 min Scan# 3337
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

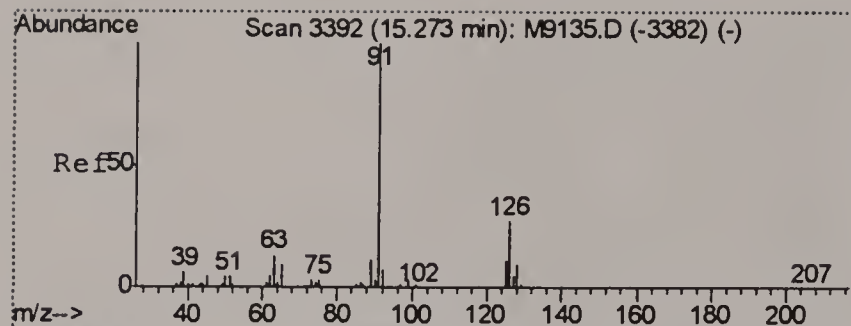
Tgt Ion: 91 Resp: 3420
Ion Ratio Lower Upper
91 100
120 18.3 0.0 49.9



#89
2-chlorotoluene
Concen: 0.81 ug/L
RT: 15.20 min Scan# 3372
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

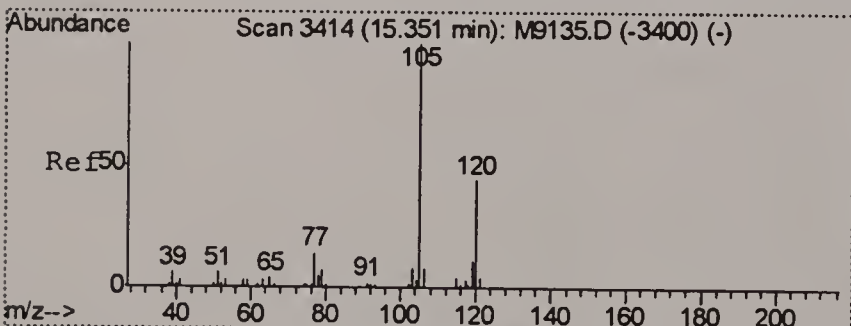
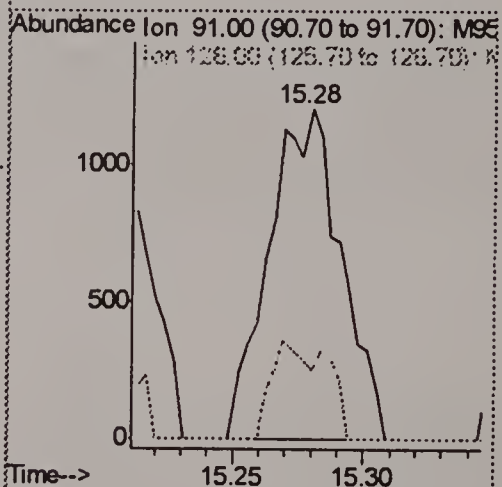
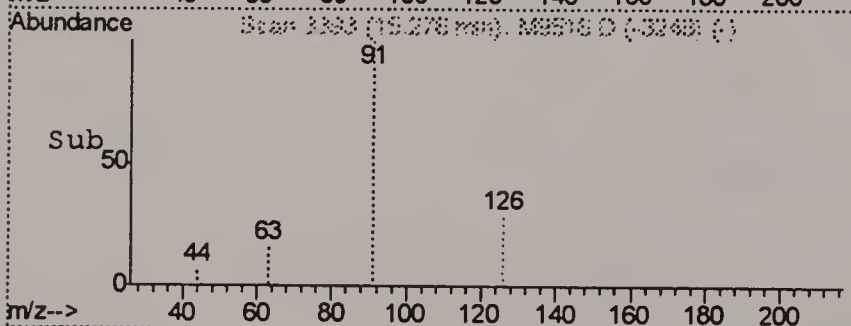
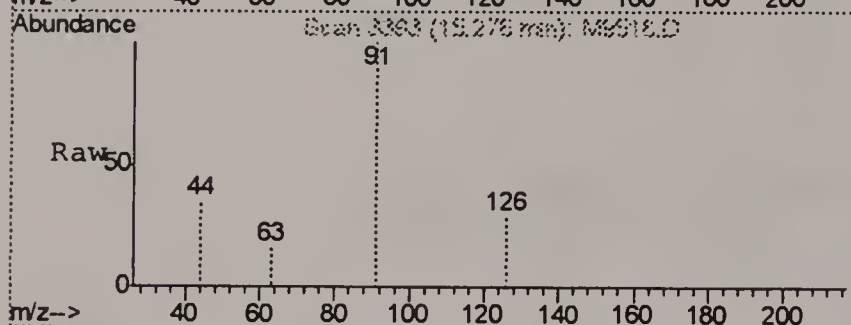
Tgt Ion: 91 Resp: 2458
Ion Ratio Lower Upper
91 100
126 20.8 0.0 57.3





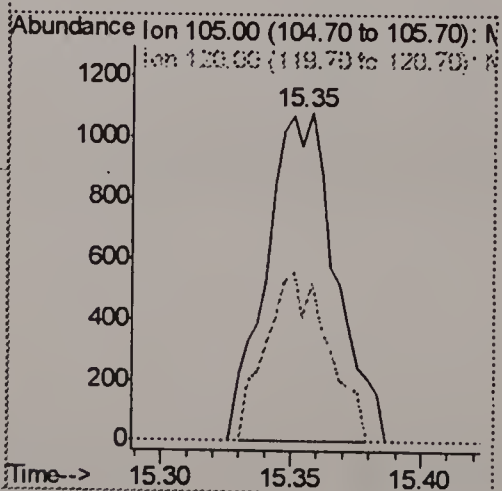
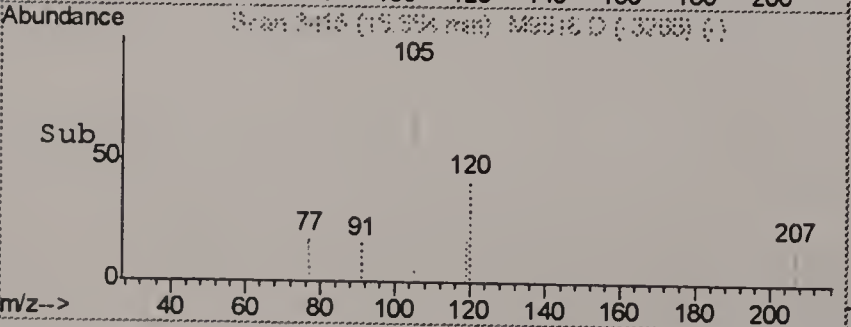
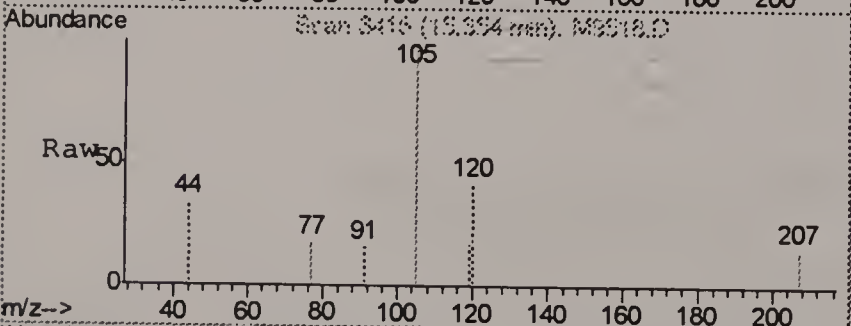
#90
4-chlorotoluene
Concen: 0.75 ug/L
RT: 15.28 min Scan# 3393
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

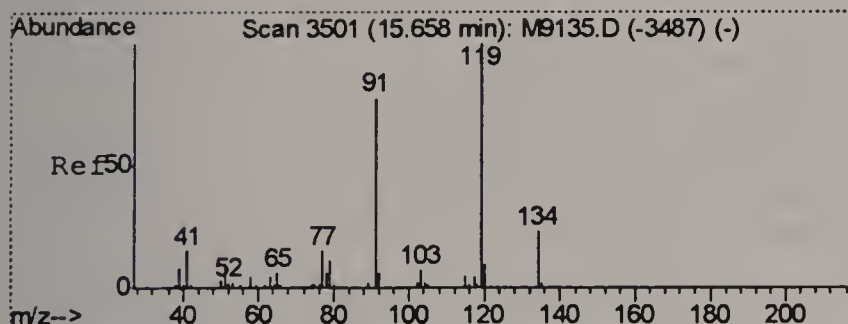
Tgt Ion: 91 Resp: 2314
Ion Ratio Lower Upper
91 100
126 28.8 0.0 57.7



#91
1,3,5-trimethylbenzene
Concen: 0.66 ug/L
RT: 15.35 min Scan# 3415
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

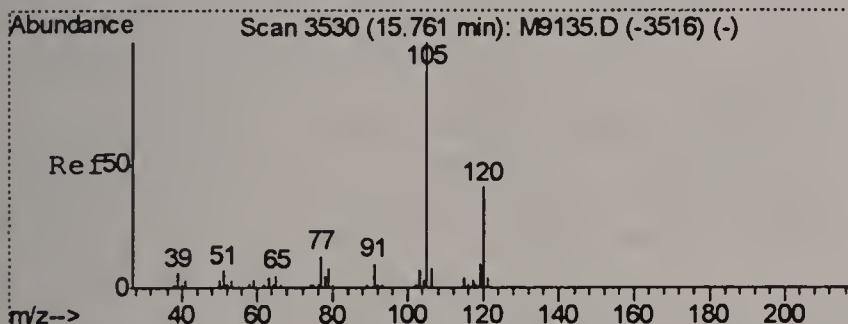
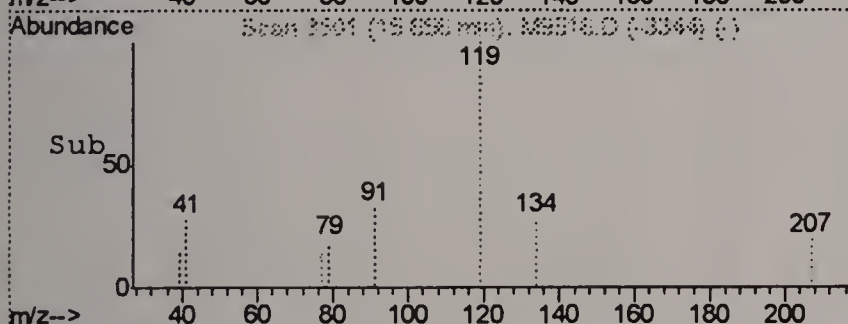
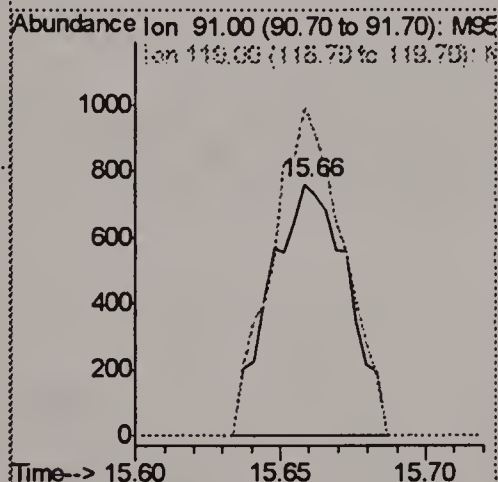
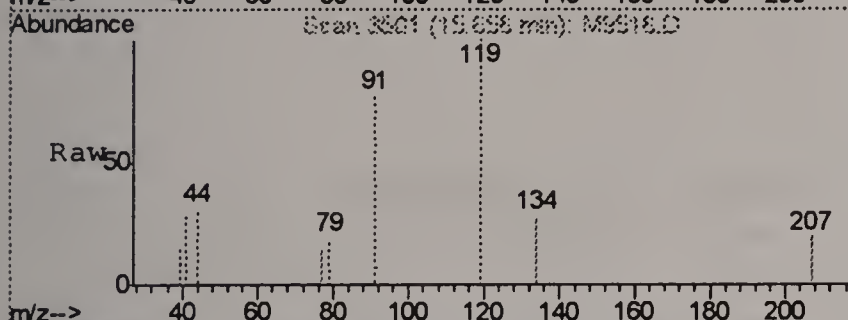
Tgt Ion: 105 Resp: 2003
Ion Ratio Lower Upper
105 100
120 42.0 17.6 77.6





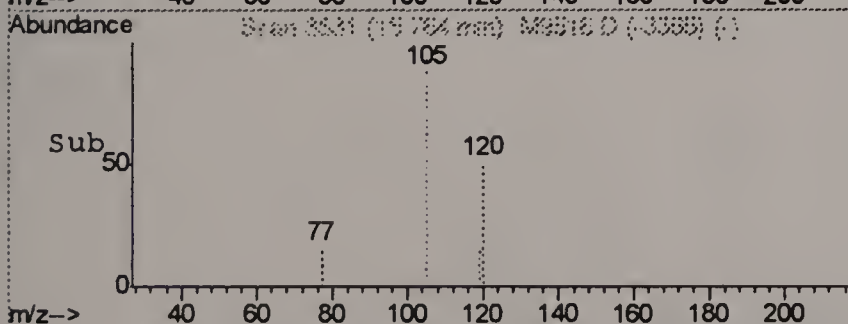
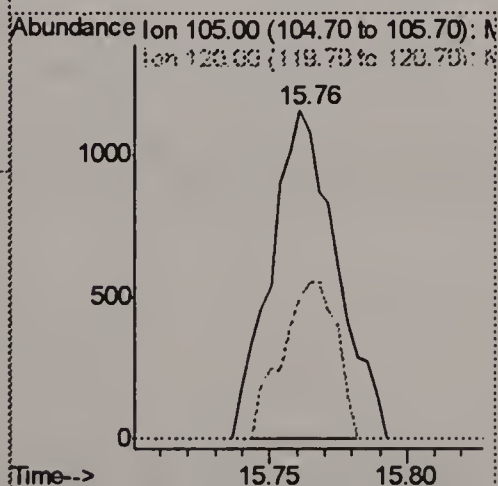
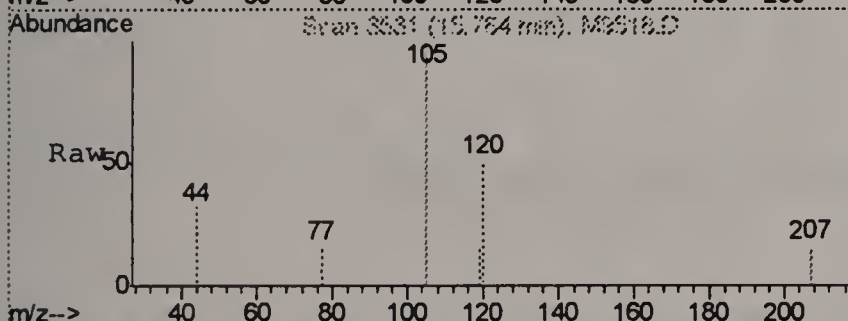
#92
tert-butylbenzene
Concen: 0.72 ug/L
RT: 15.66 min Scan# 3501
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

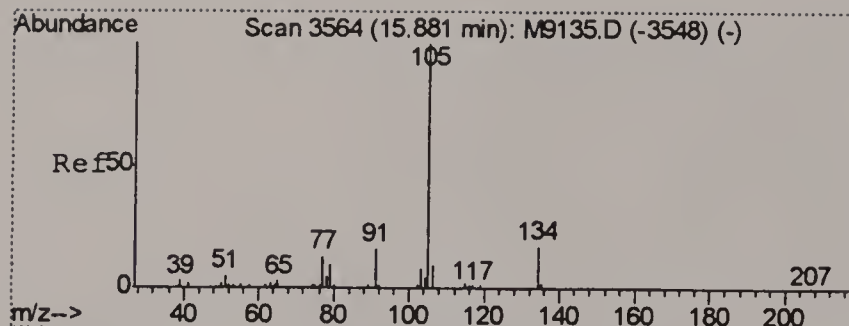
Tgt Ion: 91 Resp: 1414
Ion Ratio Lower Upper
91 100
119 130.3 98.4 158.4



#93
1,2,4-trimethylbenzene
Concen: 0.66 ug/L
RT: 15.76 min Scan# 3531
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

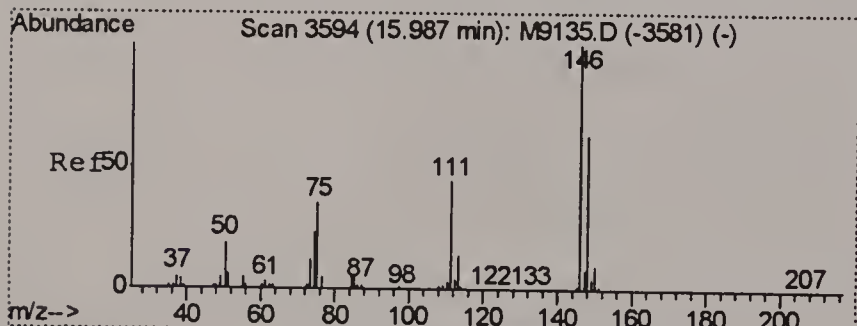
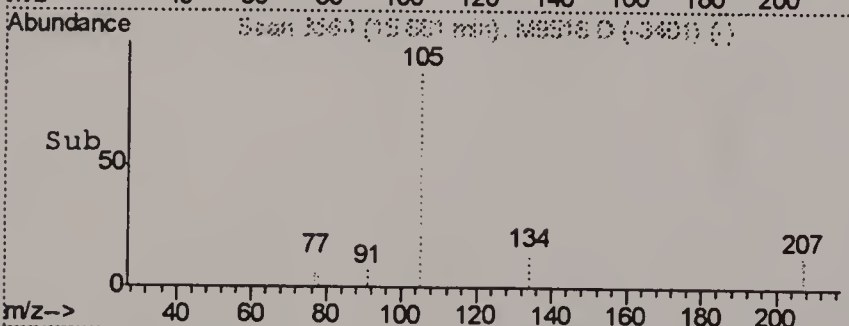
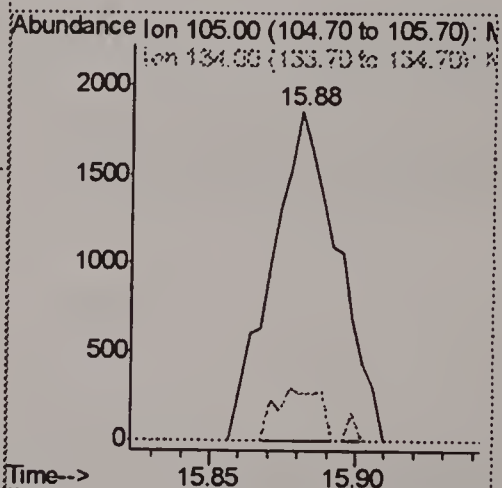
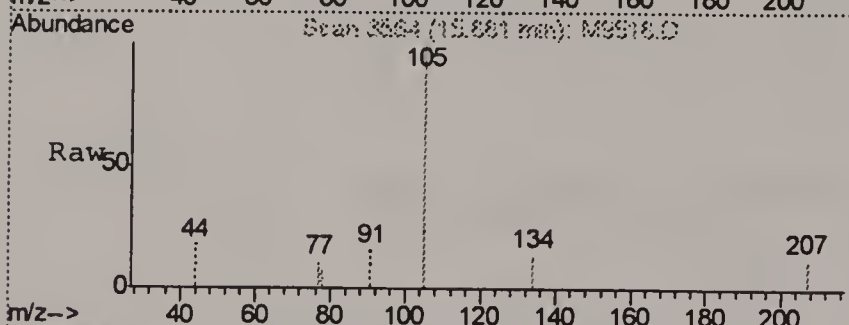
Tgt Ion: 105 Resp: 1933
Ion Ratio Lower Upper
105 100
120 51.0 12.5 72.5





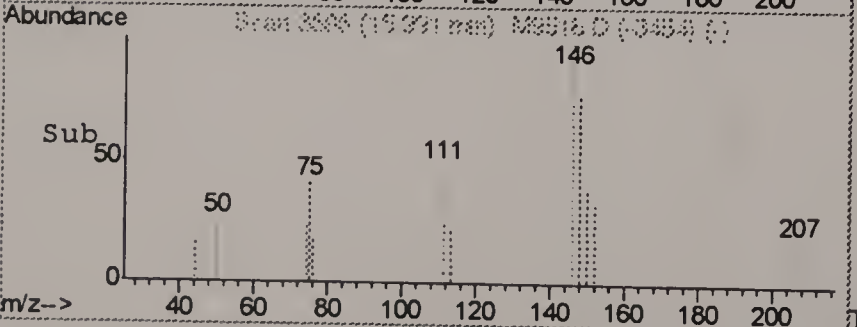
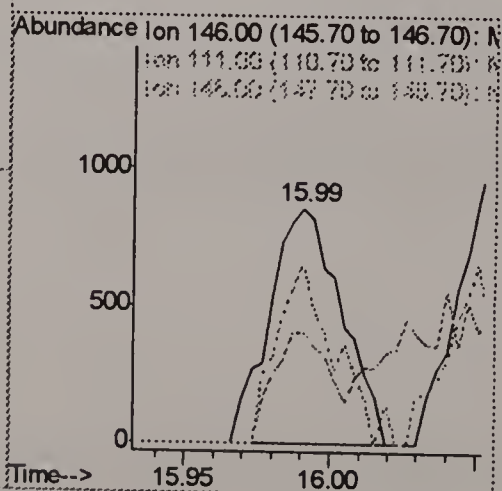
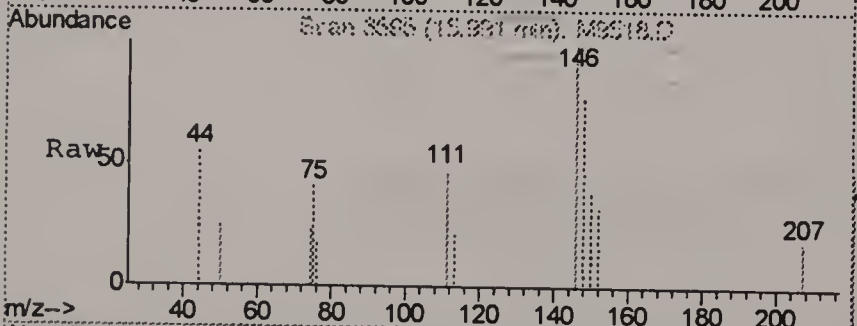
#95
 sec-butylbenzene
 Concen: 0.74 ug/L
 RT: 15.88 min Scan# 3564
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

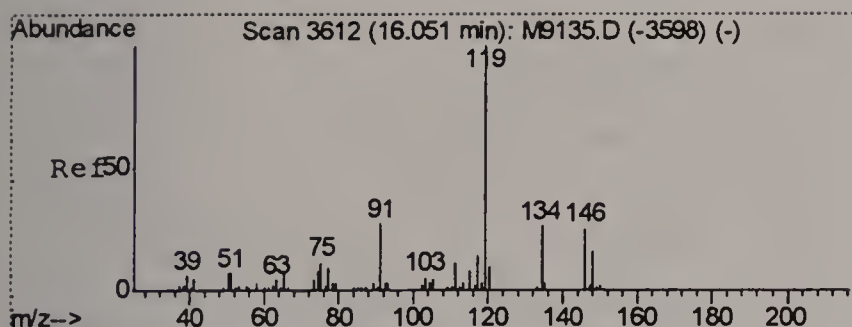
Tgt Ion: 105 Resp: 2935
 Ion Ratio Lower Upper
 105 100
 134 14.0 0.0 46.7



#96
 1,3-dichlorobenzene
 Concen: 0.96 ug/L
 RT: 15.99 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

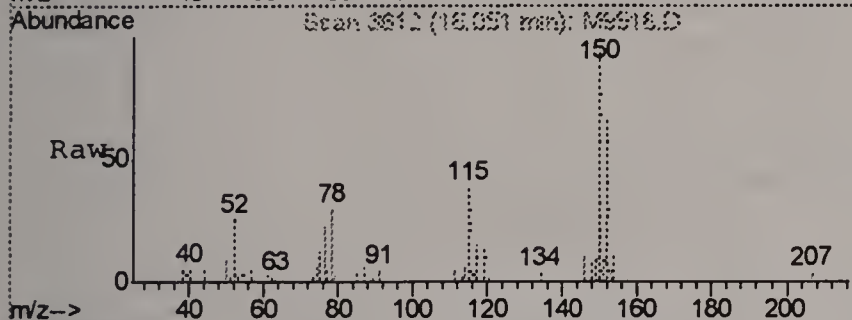
Tgt Ion: 146 Resp: 1473
 Ion Ratio Lower Upper
 146 100
 111 47.8 16.7 76.7
 148 77.0 35.1 95.1



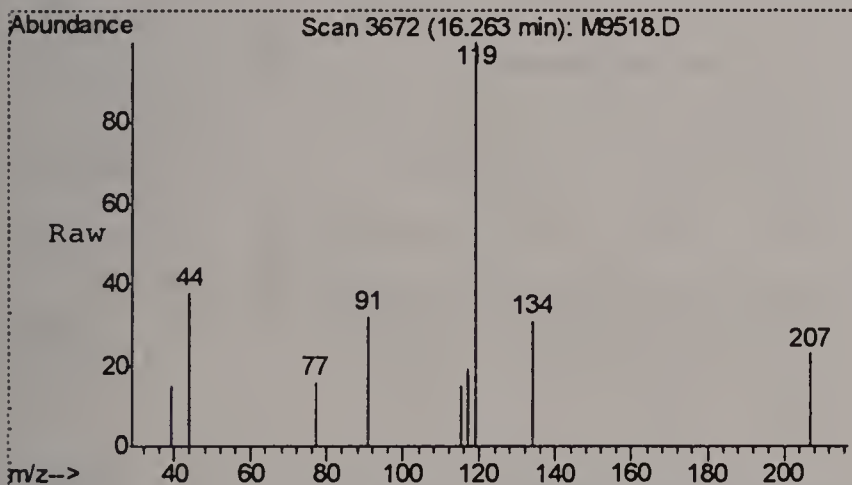
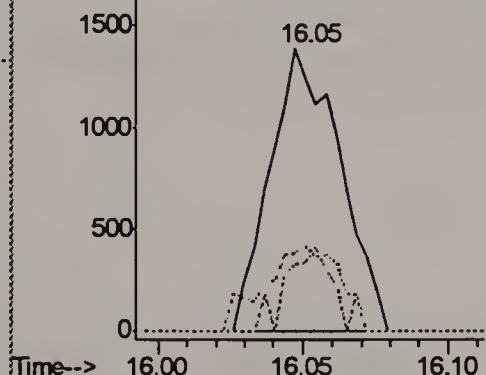
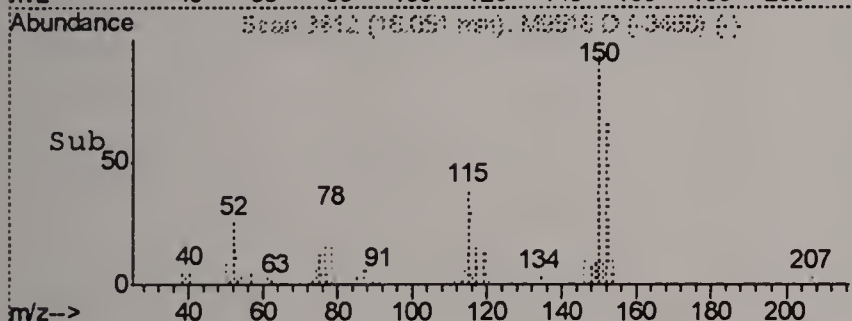


#97
p-isopropyltoluene
Concen: 0.84 ug/L
RT: 16.05 min Scan# 3612
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

Tgt Ion:119 Resp: 2330
Ion Ratio Lower Upper
119 100
134 27.0 0.0 54.7
91 34.0 0.0 57.3

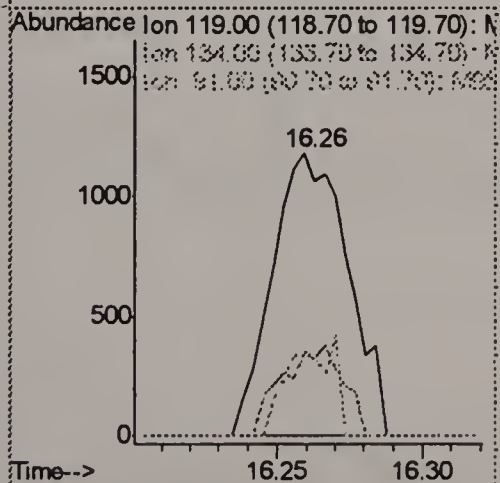
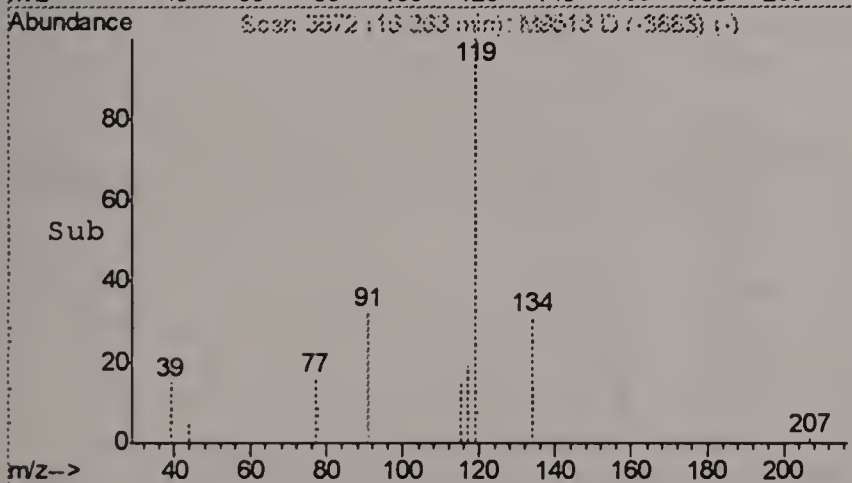


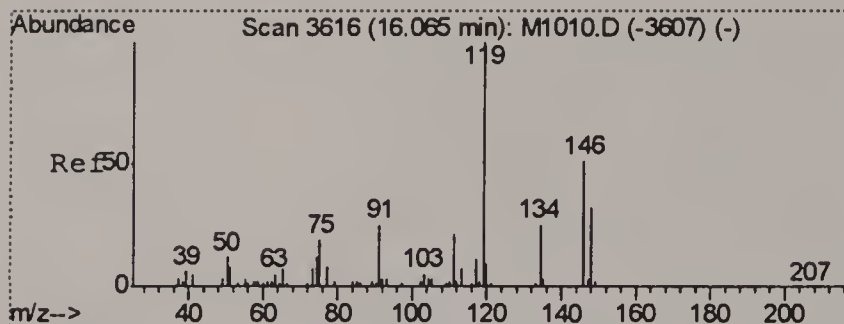
Abundance Ion 119.00 (118.70 to 119.70): N
Ion 134.00 (133.70 to 134.70): N
Ion 91.00 (90.70 to 91.70): N



#98
o-Isopropyltoluene
Concen: 0.69 ug/L
RT: 16.26 min Scan# 3672
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

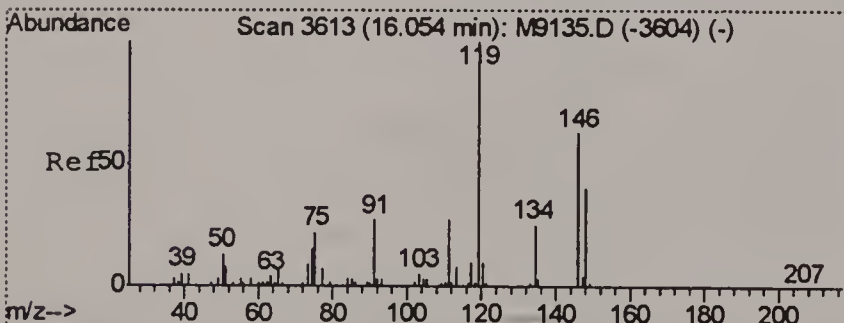
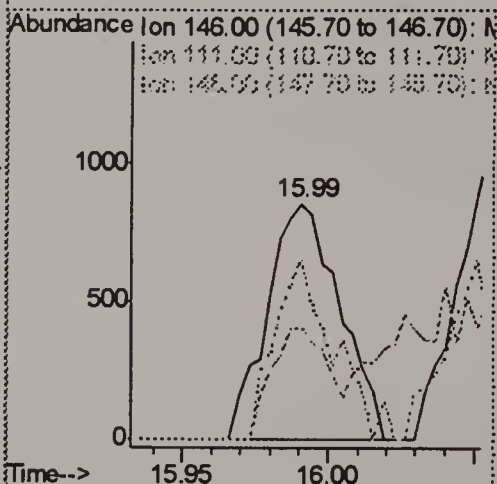
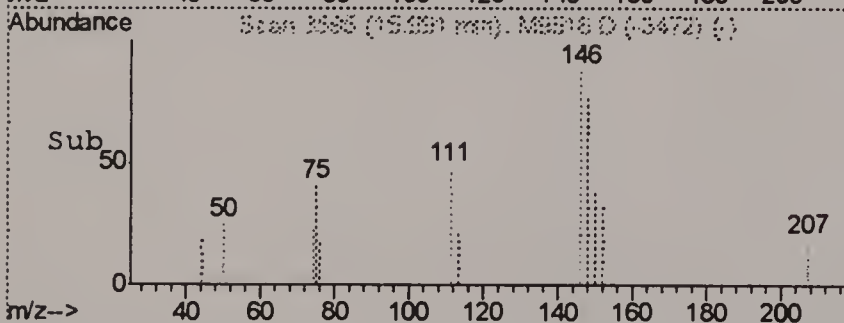
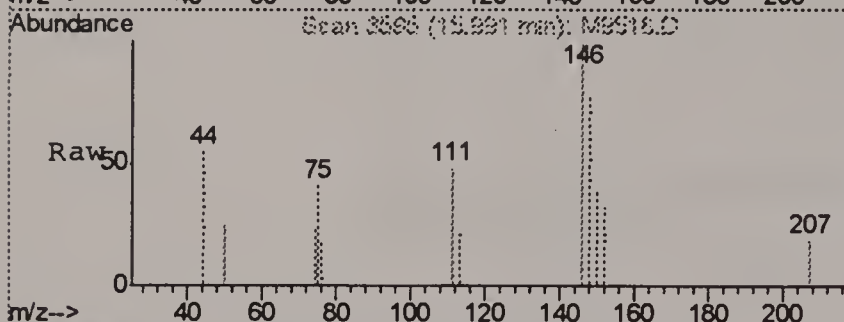
Tgt Ion:119 Resp: 2149
Ion Ratio Lower Upper
119 100
134 30.7 5.2 45.2
91 31.7 7.7 47.7





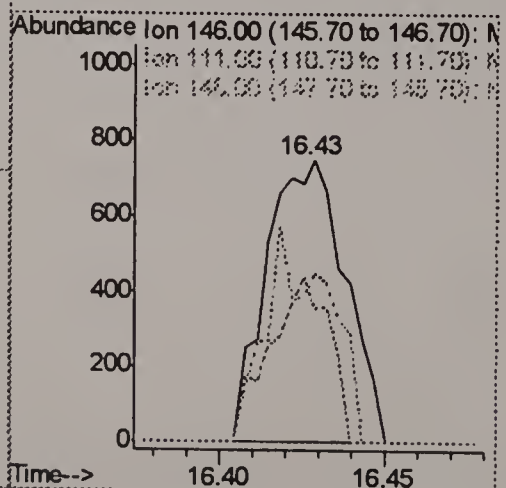
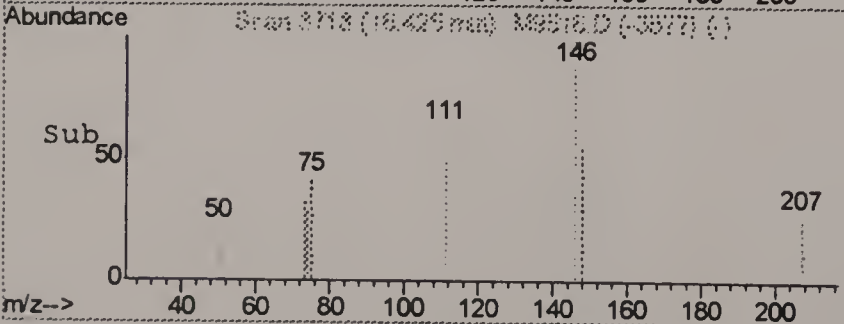
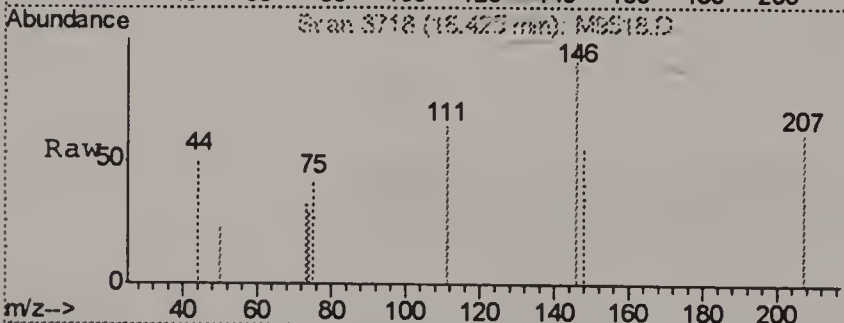
#99
1,4-dichlorobenzene
Concen: 0.96 ug/L
RT: 15.99 min Scan# 3595
Delta R.T. -0.06 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

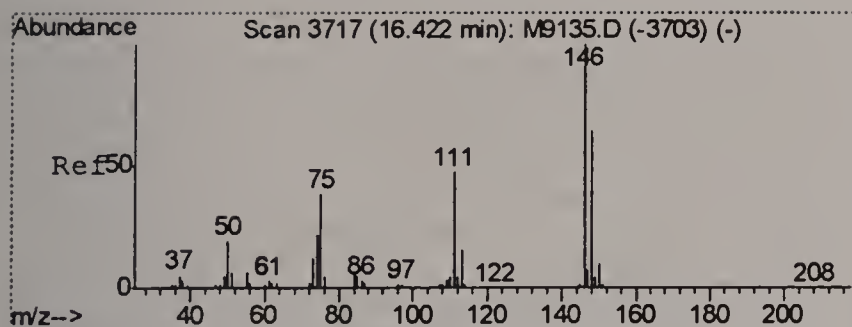
Tgt Ion:146 Resp: 1473
Ion Ratio Lower Upper
146 100
111 47.8 13.8 73.8
148 77.0 32.3 92.3



#100
1,2-dichlorobenzene
Concen: 0.83 ug/L
RT: 16.43 min Scan# 3718
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

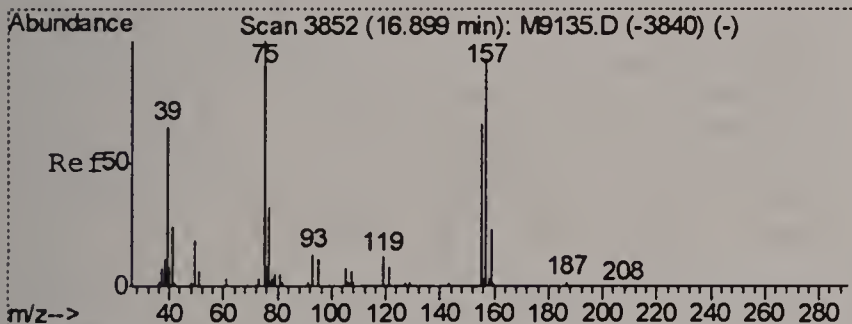
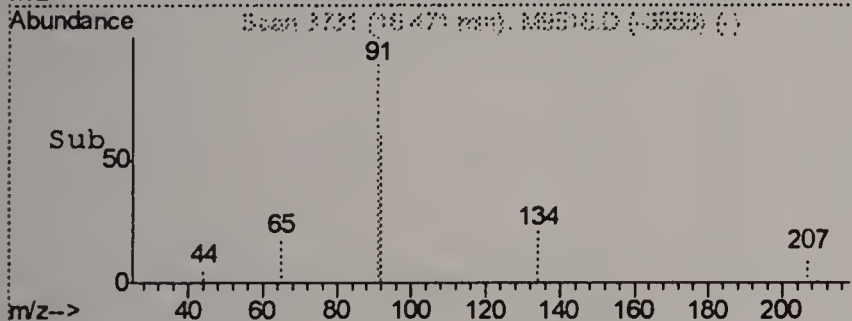
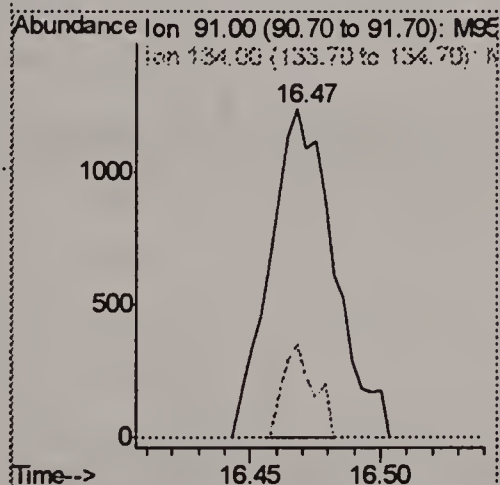
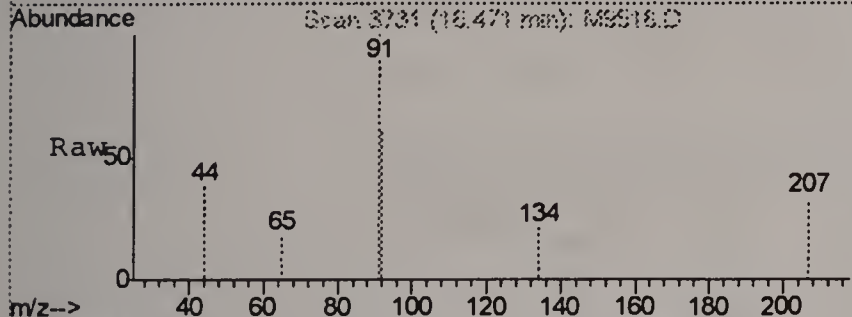
Tgt Ion:146 Resp: 1244
Ion Ratio Lower Upper
146 100
111 63.7 17.3 77.3
148 56.2 33.3 93.3





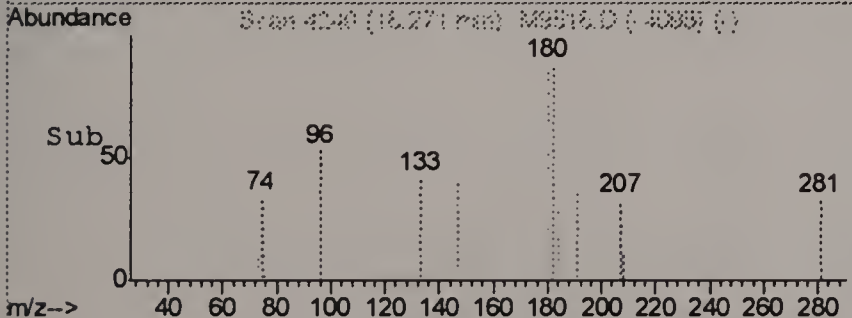
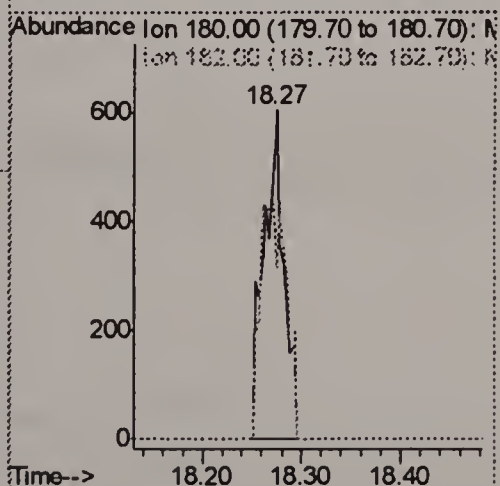
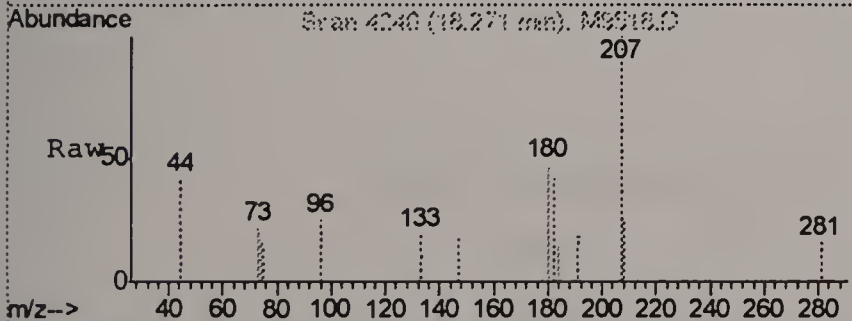
#101
n-butylbenzene
Concen: 0.73 ug/L
RT: 16.47 min Scan# 3731
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

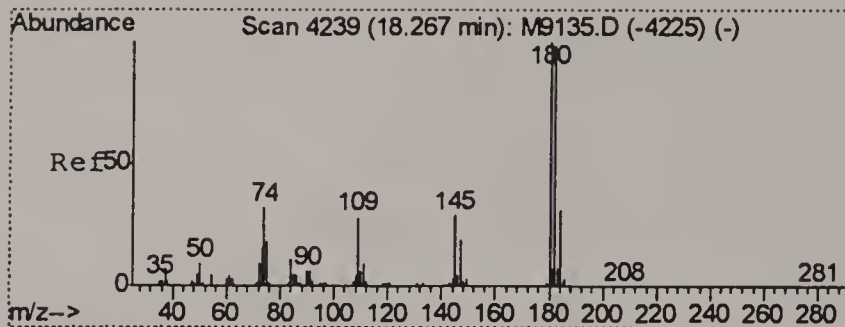
Tgt Ion: 91 Resp: 2128
Ion Ratio Lower Upper
91 100
134 21.5 0.0 50.8



#103
1,2,4-trichlorobenzene
Concen: 0.98 ug/L m
RT: 18.27 min Scan# 4240
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

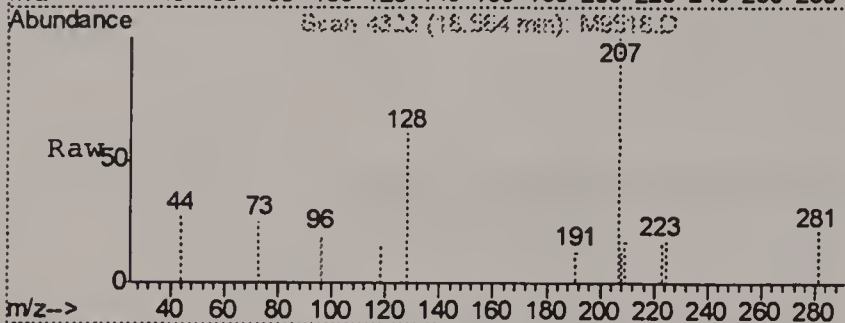
Tgt Ion: 180 Resp: 857
Ion Ratio Lower Upper
180 100
182 88.0 64.0 124.0



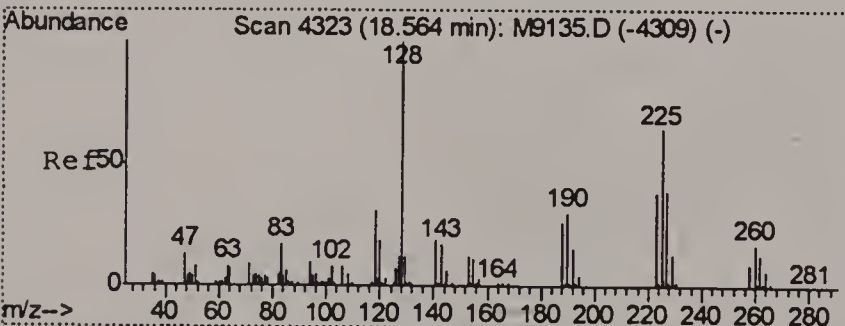
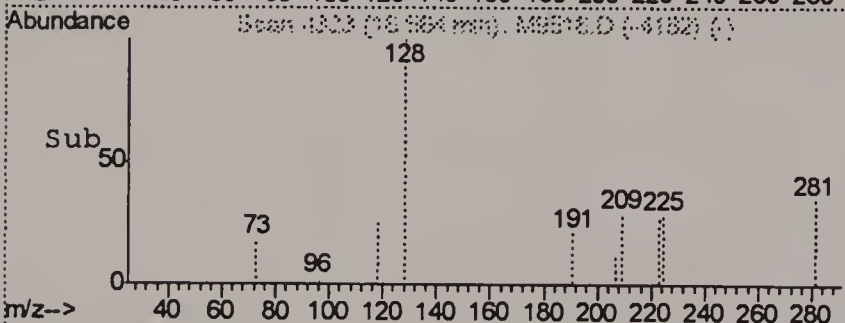
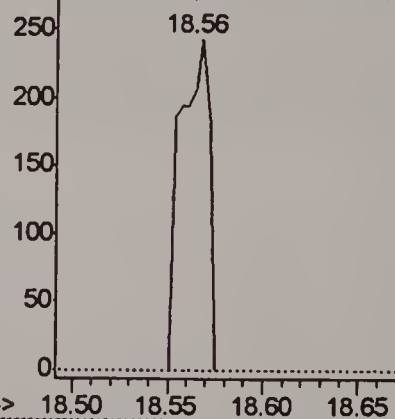


#104
hexachlorobutadiene
Concen: 0.70 ug/L m
RT: 18.56 min Scan# 4323
Delta R.T. -0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

Tgt Ion: 225 Resp: 256
Ion Ratio Lower Upper
225 100
260 0.0 0.0 54.0

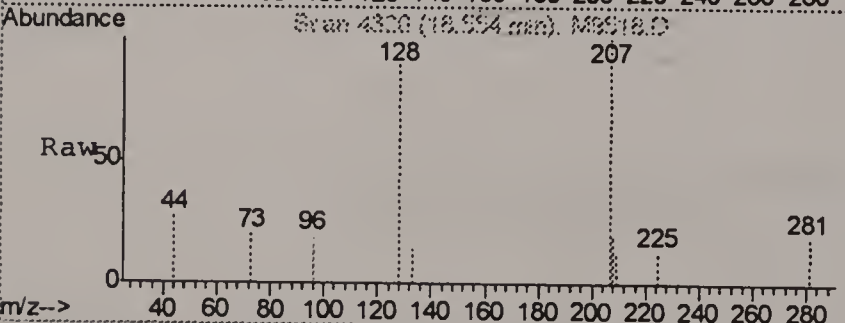


Abundance Ion 225.00 (224.70 to 225.70): N

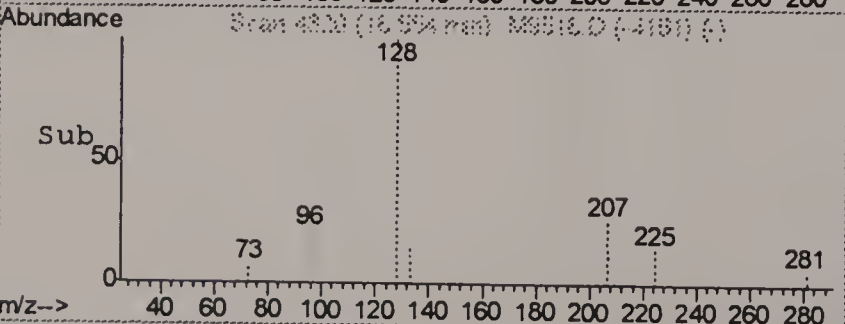
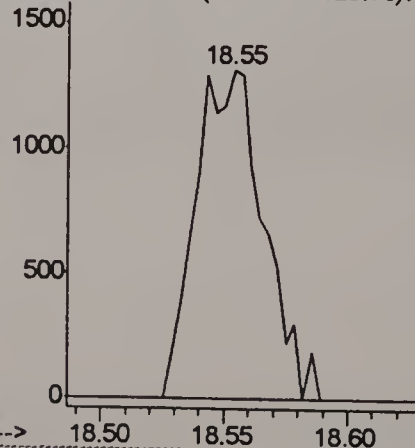


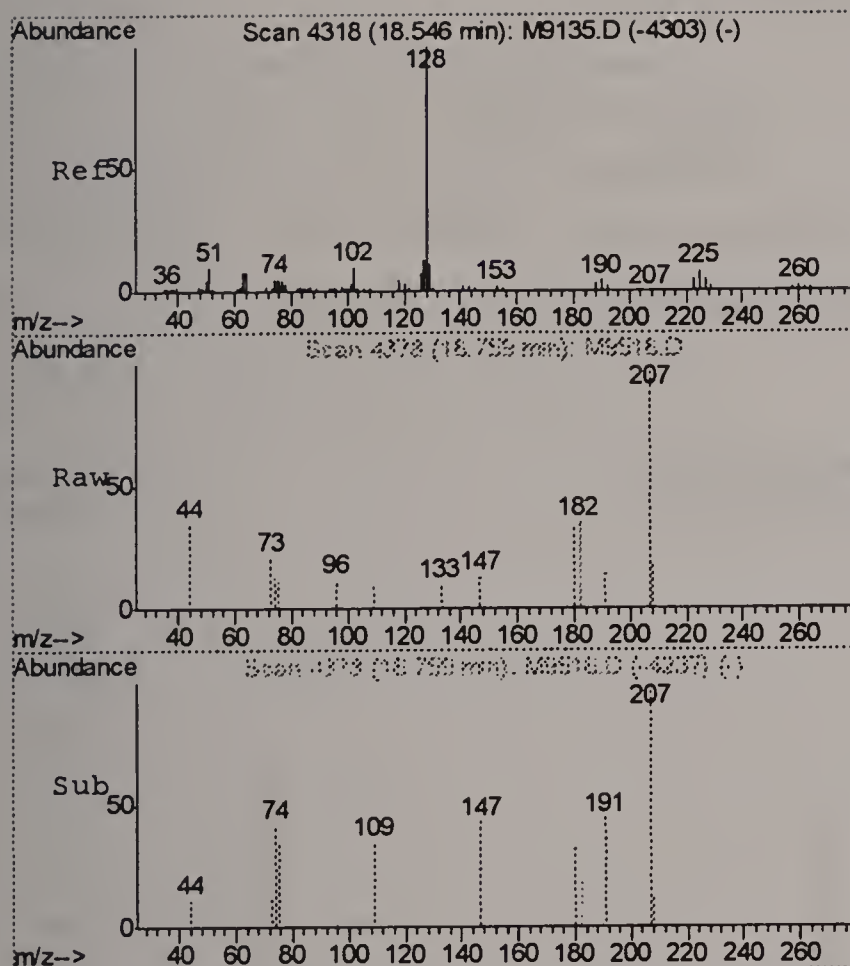
#105
naphthalene
Concen: 1.07 ug/L
RT: 18.55 min Scan# 4320
Delta R.T. 0.00 min
Lab File: M9518.D
Acq: 5 May 2006 9:18 am

Tgt Ion: 128 Resp: 2535



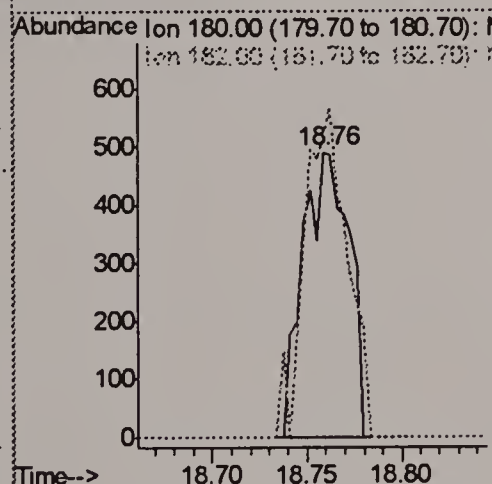
Abundance Ion 128.00 (127.70 to 128.70): N





#106
 1,2,3-trichlorobenzene
 Concen: 0.95 ug/L m
 RT: 18.76 min Scan# 4378
 Delta R.T. -0.00 min
 Lab File: M9518.D
 Acq: 5 May 2006 9:18 am

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.7	63.4	123.4

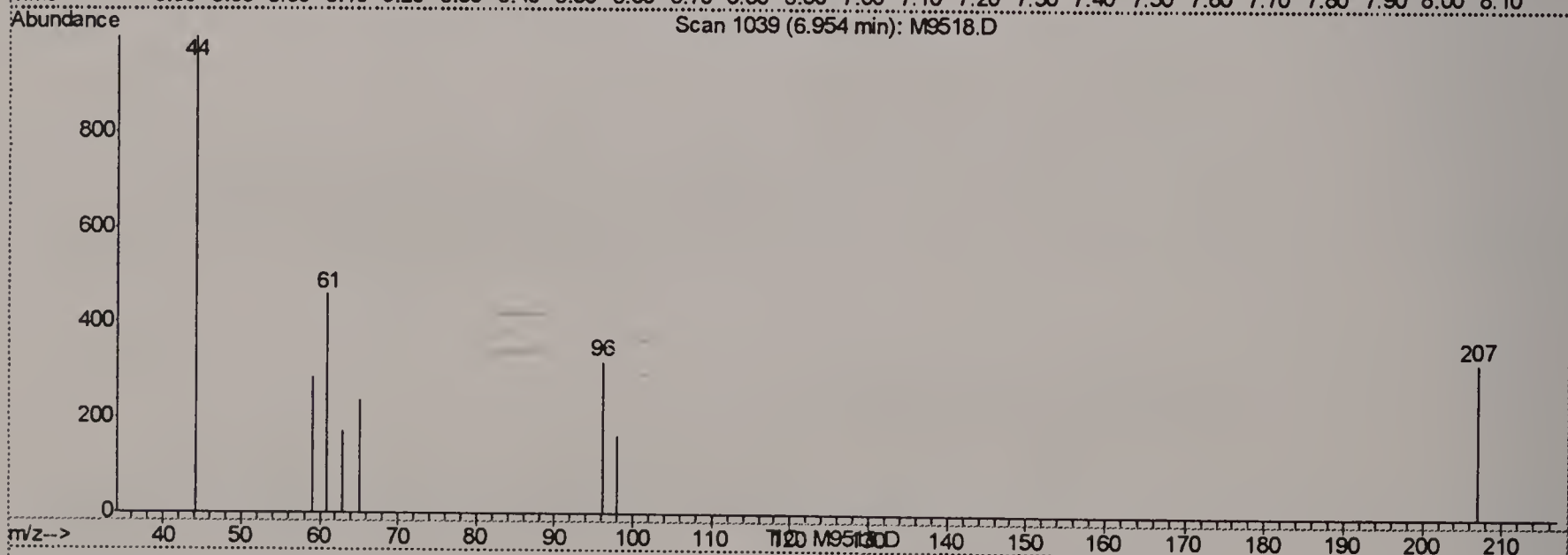
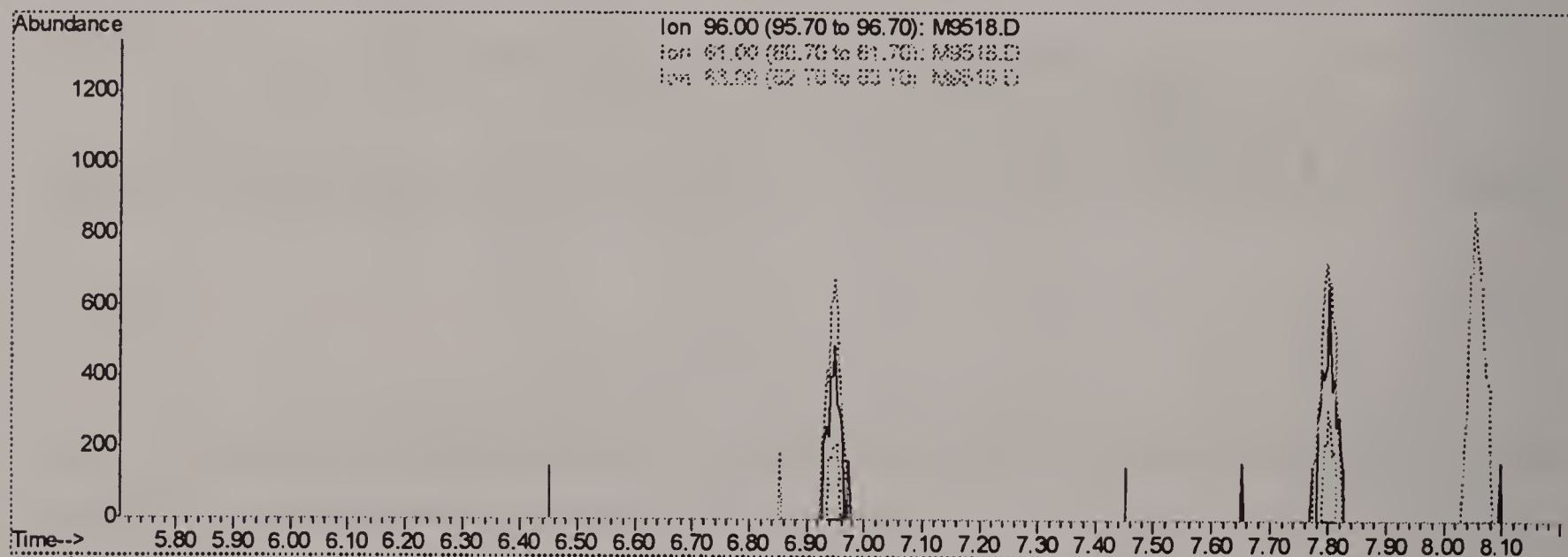


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:46 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(16) 1,1-dichloroethene (c)

6.95min 0.00ug/L

response 0

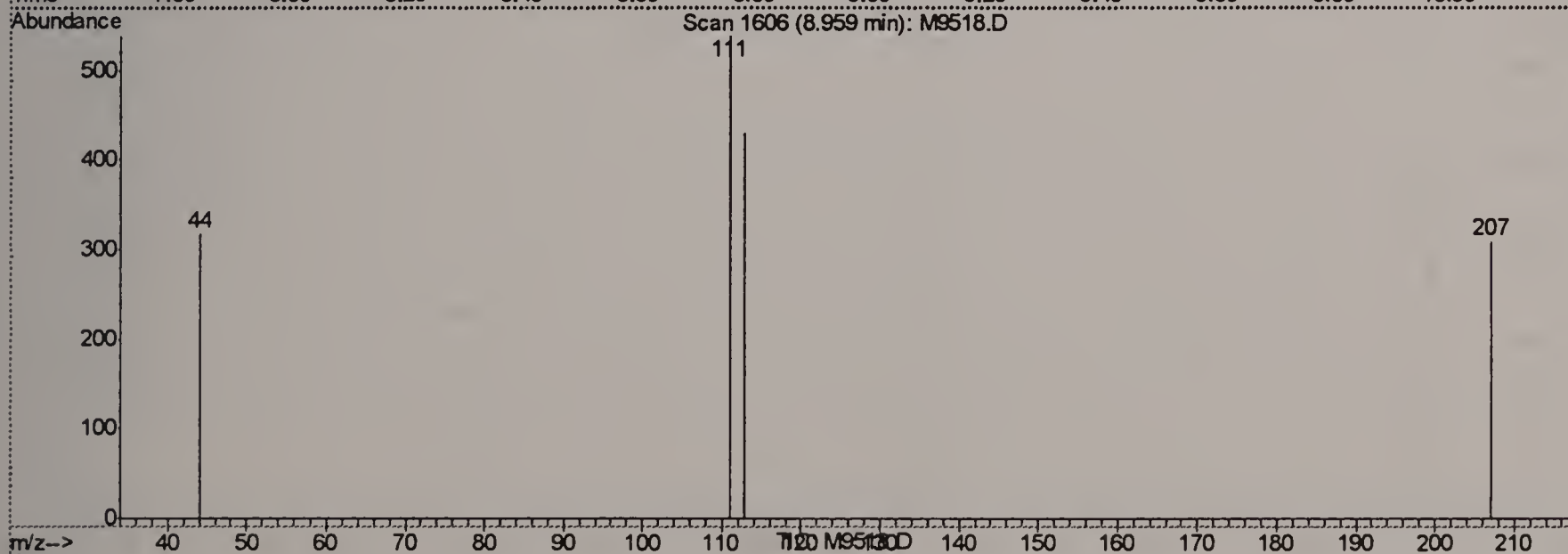
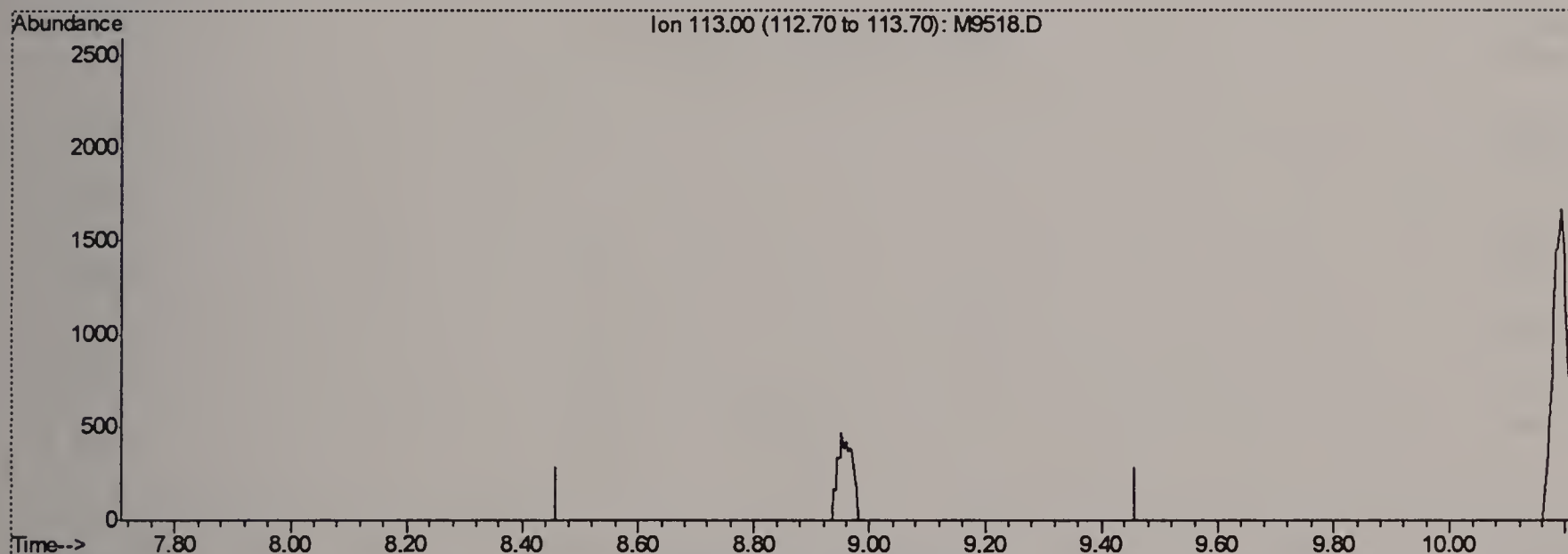
Ion	Exp%	Act%
96.00	100	0.00
61.00	187.10	0.00#
63.00	63.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:47 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 0.00ug/L

response 0

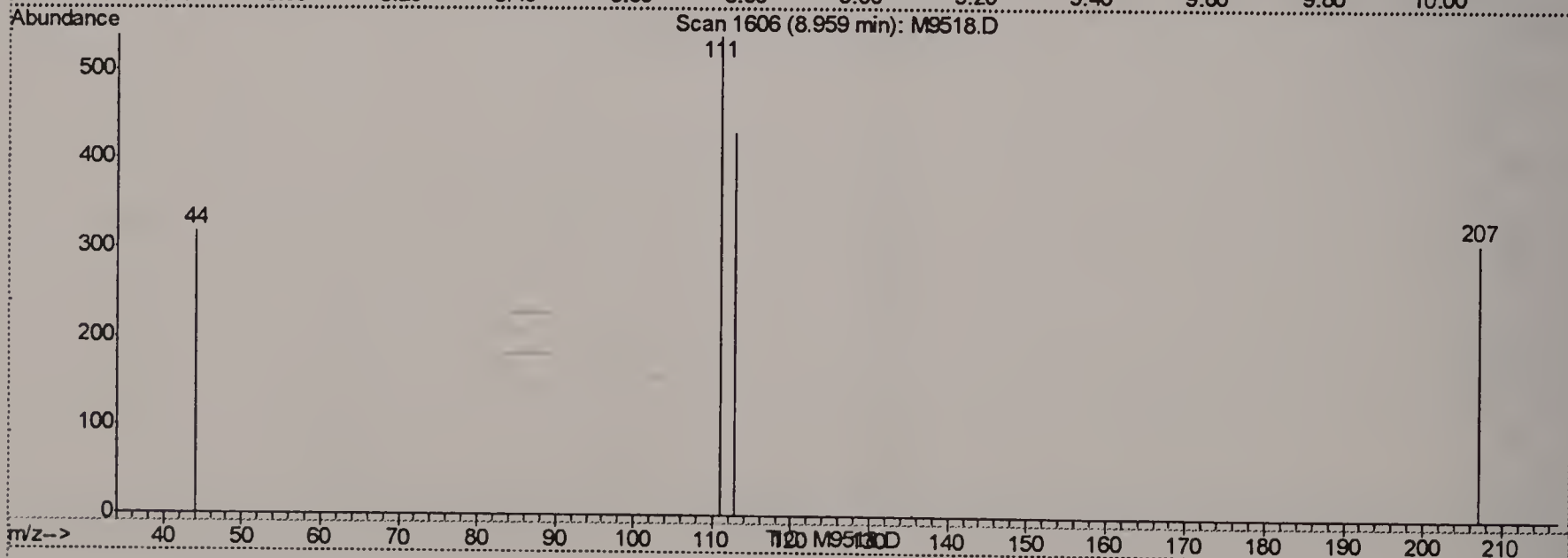
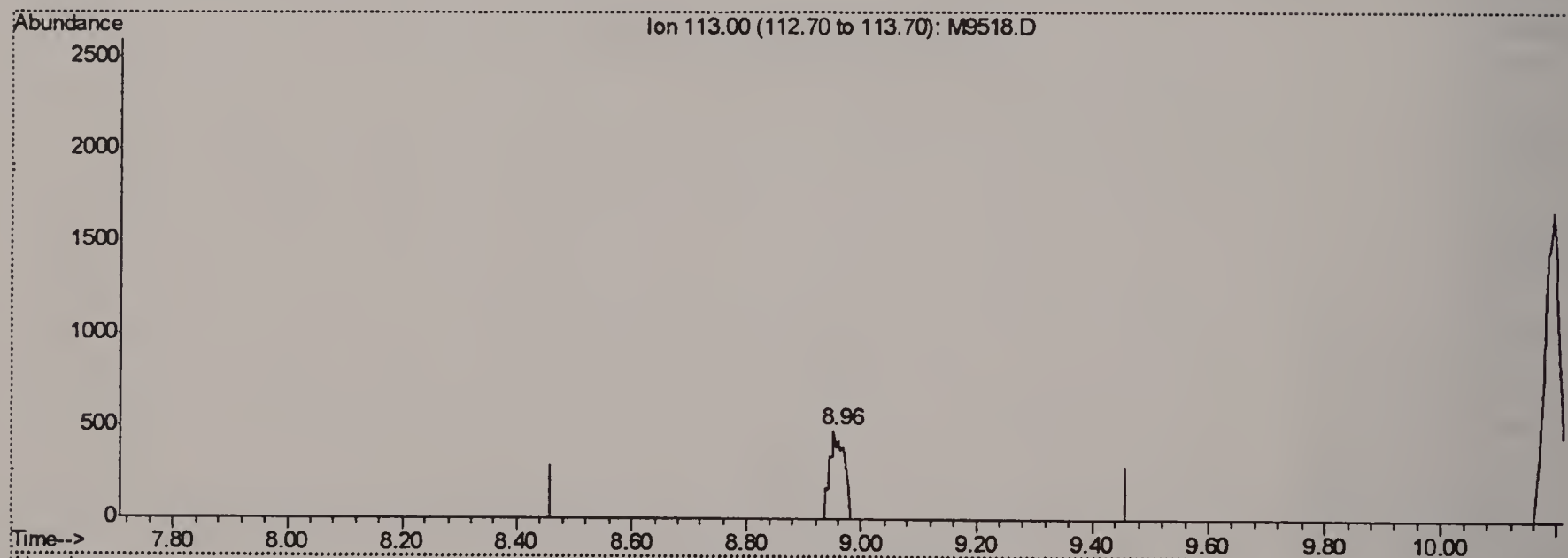
Ion	Exp%	Act%
113.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:47 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 1.24ug/L m

response 820

Ion	Exp%	Act%
113.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

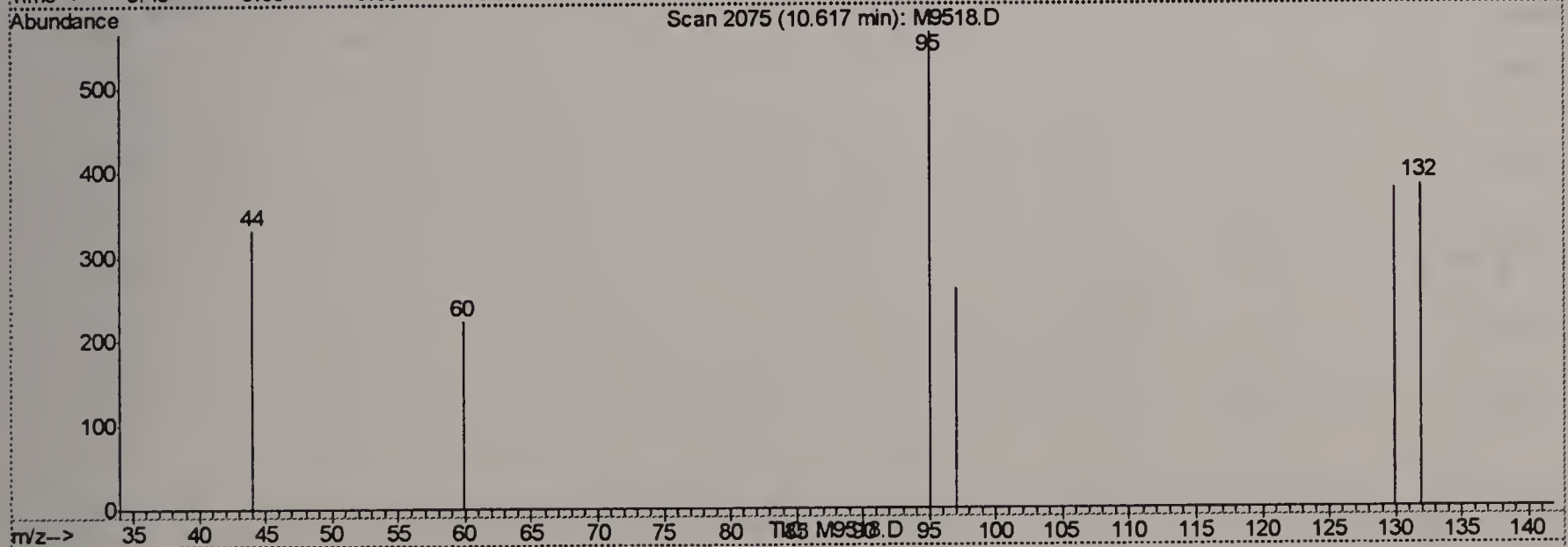
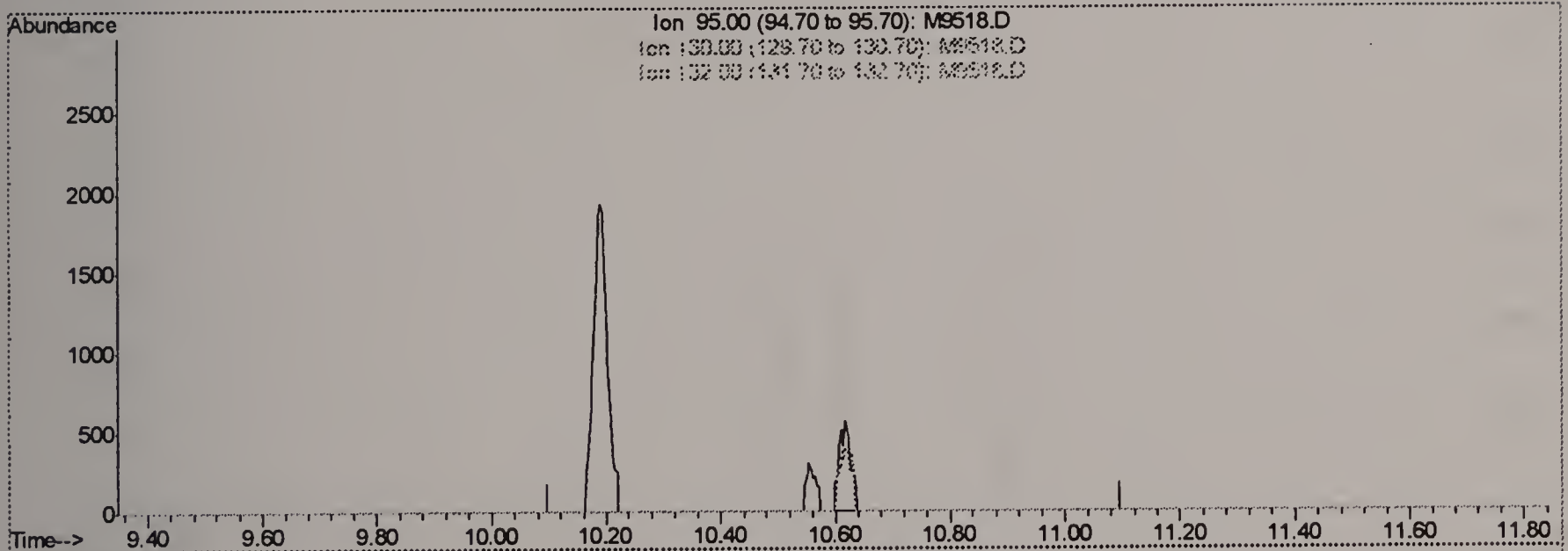
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:47 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(52) trichloroethene (M)

10.62min 0.00ug/L

response 0

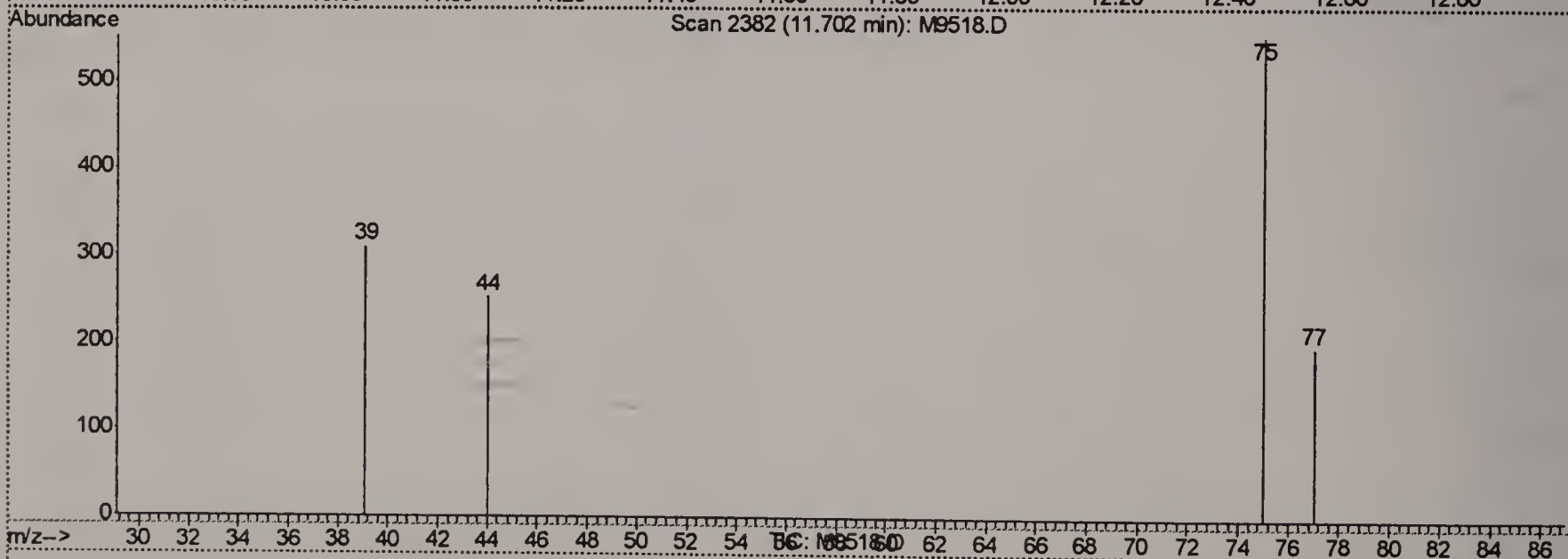
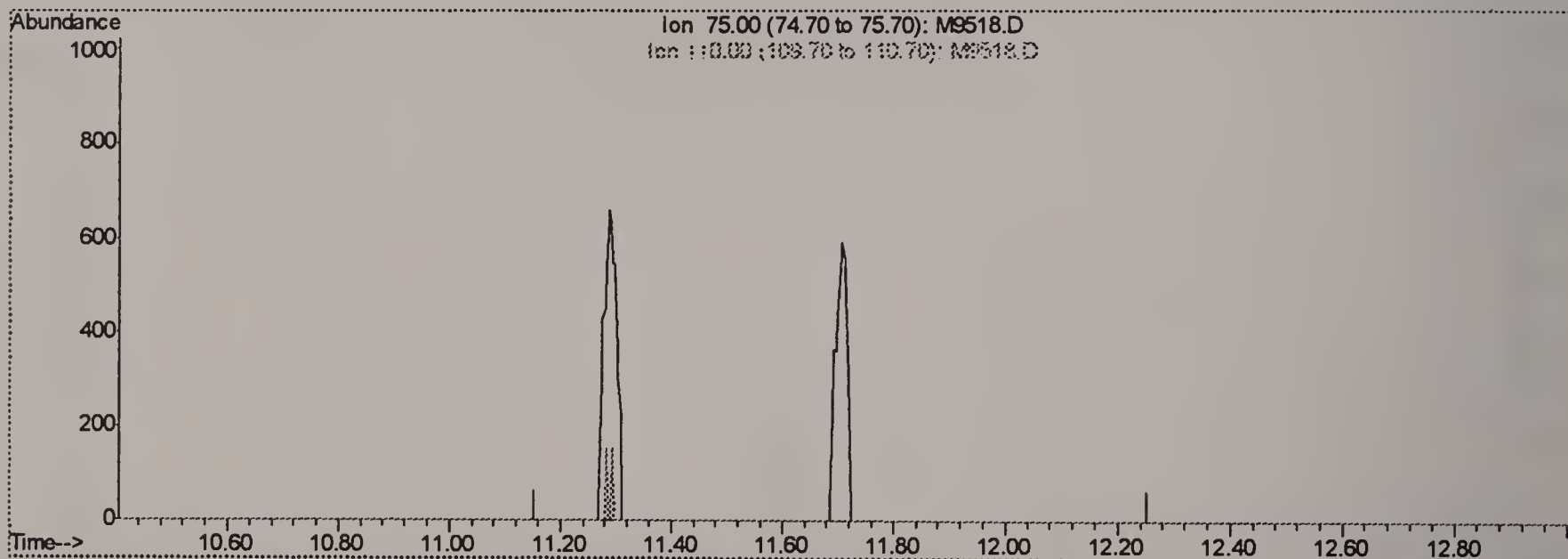
Ion	Exp%	Act%
95.00	100	0.00
130.00	81.40	0.00#
132.00	76.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:47 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(65) trans-1,3-dichloropropene (M)

11.70min 0.00ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	22.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

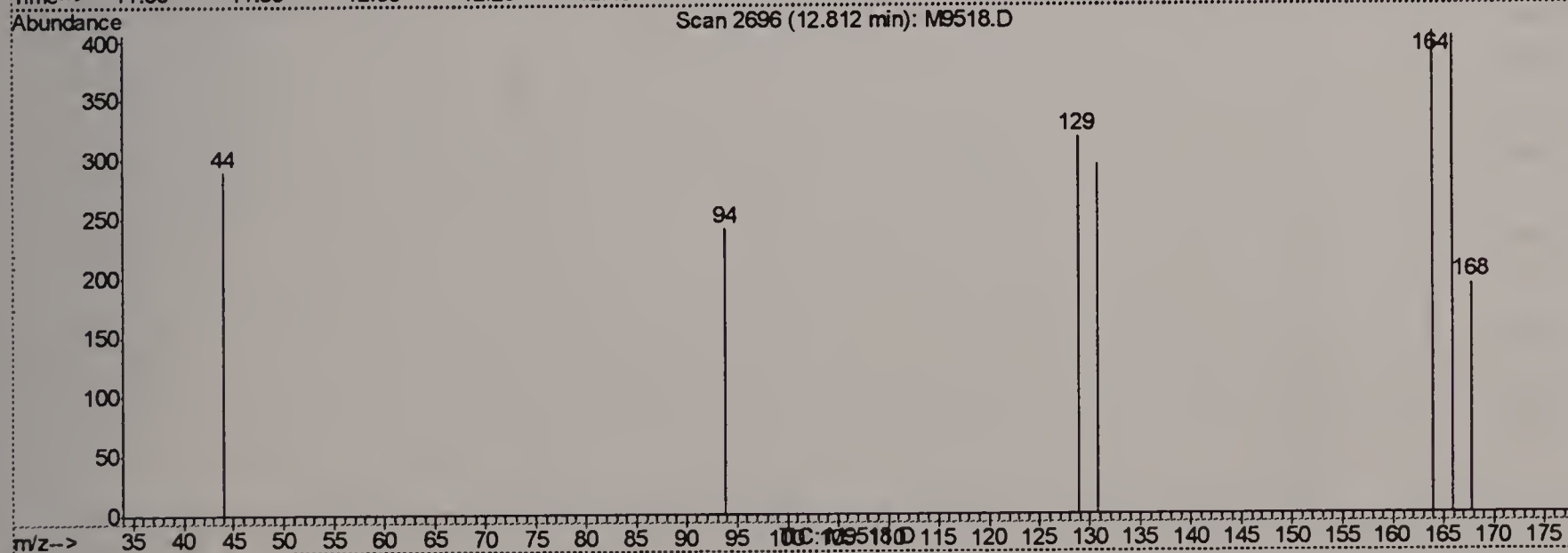
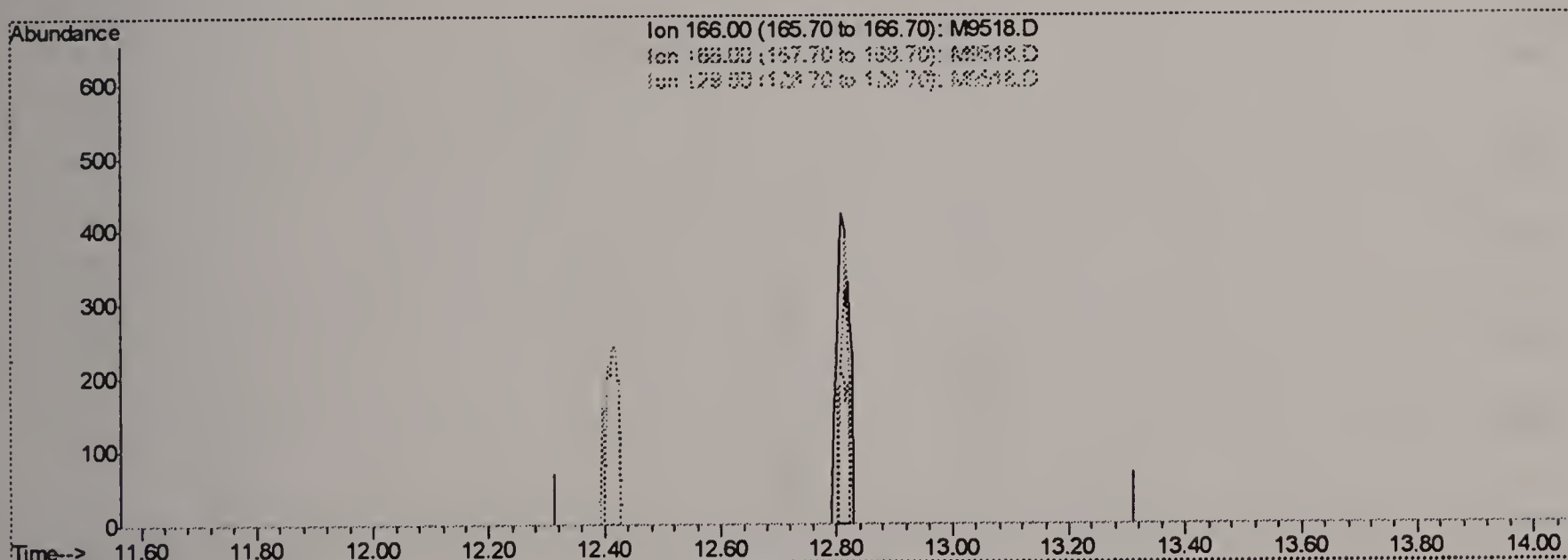
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 11:47 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 10:50:07 2006
 Response via : Multiple Level Calibration



(69) tetrachloroethene (M)

12.81min 0.00ug/L

response 0

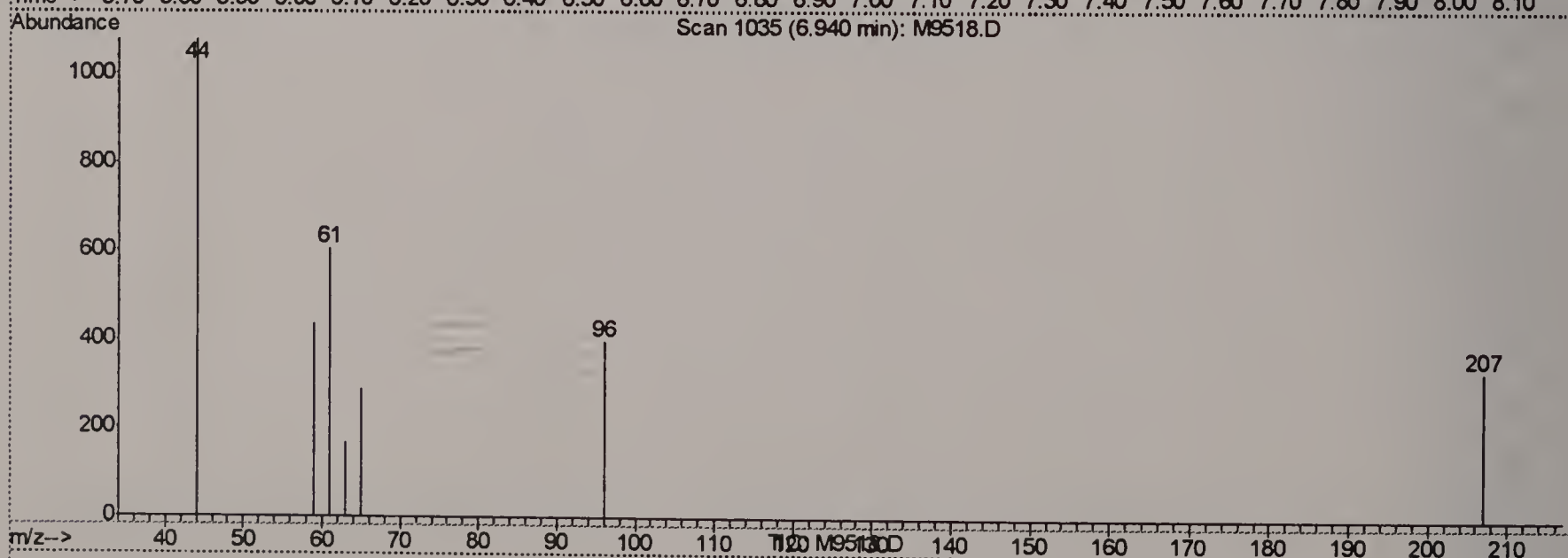
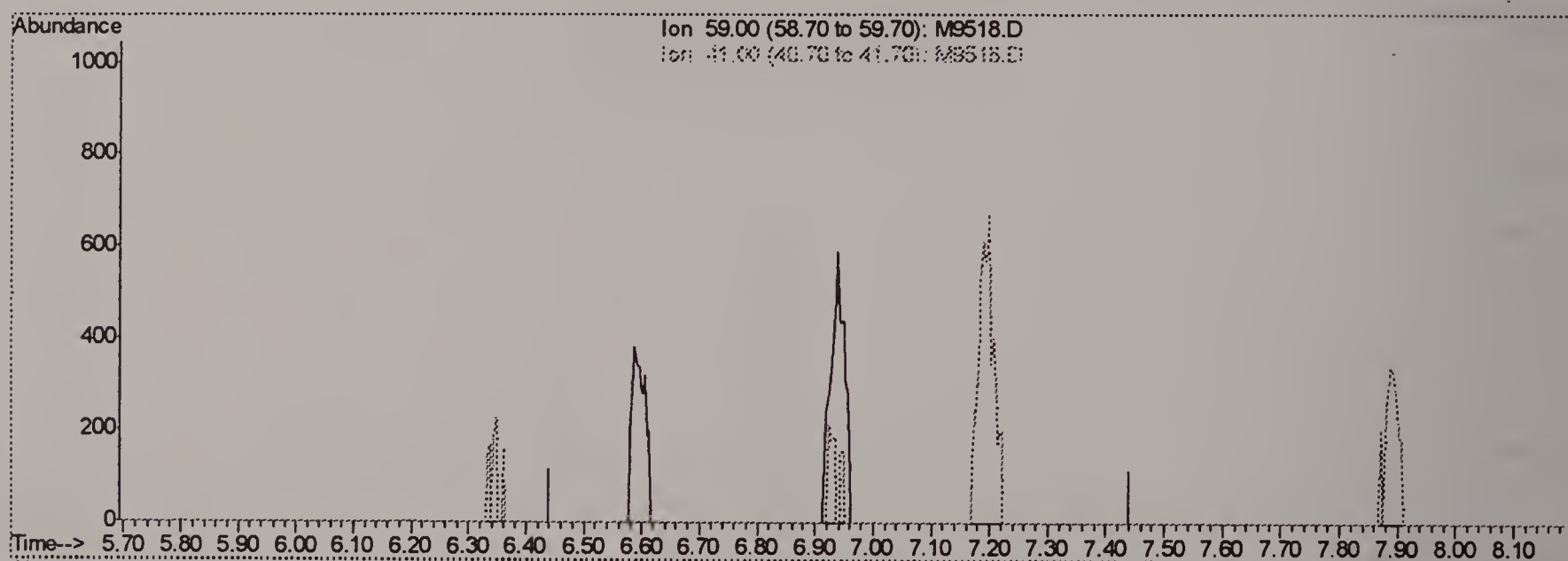
Ion	Exp%	Act%
166.00	100	0.00
168.00	47.80	0.00#
129.00	77.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:16 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(2) tertiary butyl alcohol (M)

6.94min 0.00ug/L

response 0

Ion	Exp%	Act%
59.00	100	0.00
41.00	18.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

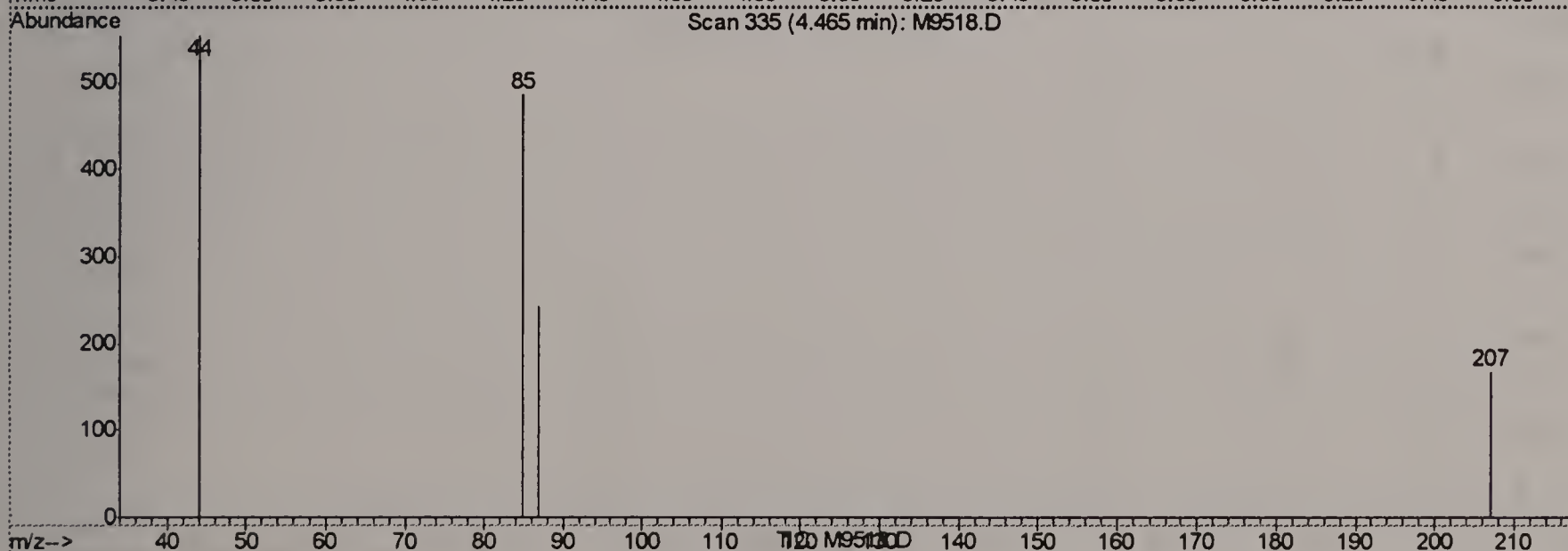
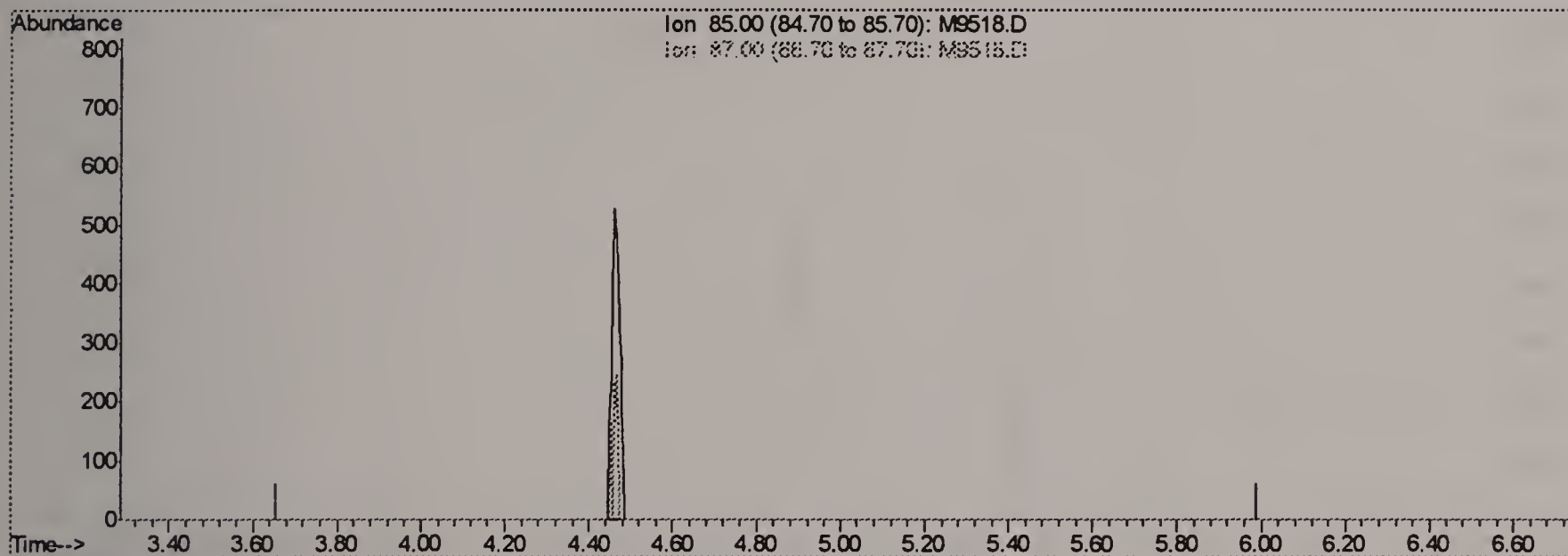
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(6) dichlorodifluoromethane (M)

4.47min 0.00ug/L

response 0

Ion	Exp%	Act%
85.00	100	0.00
87.00	31.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

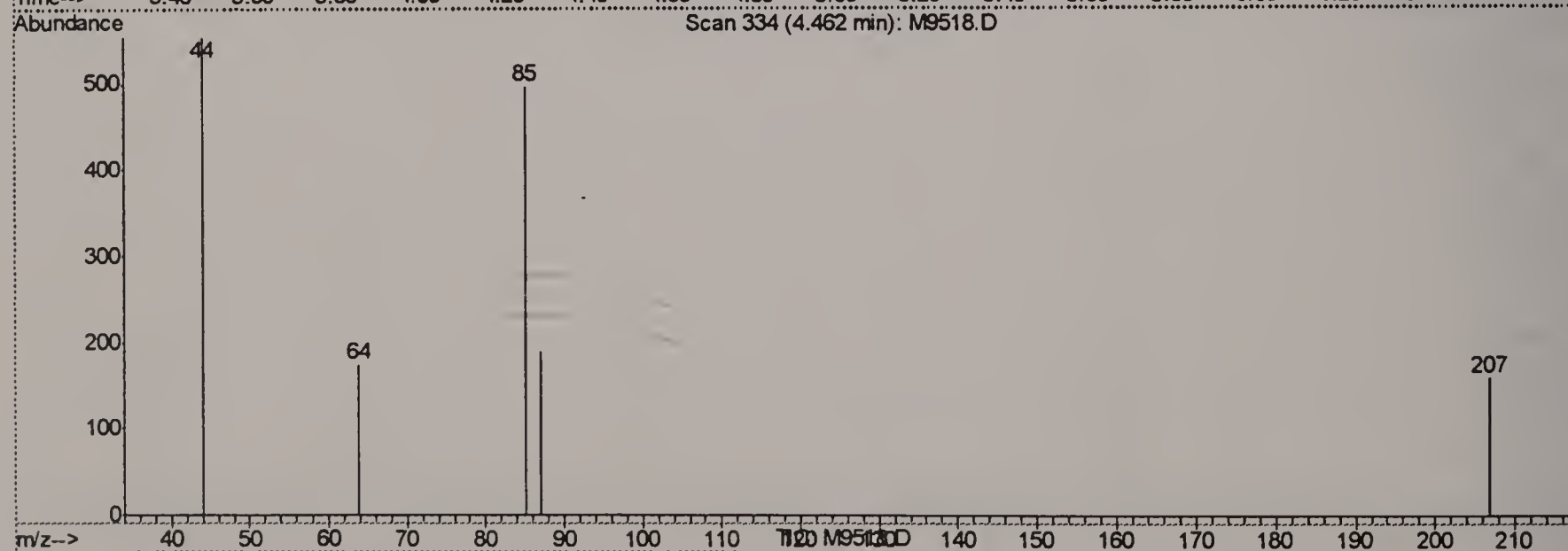
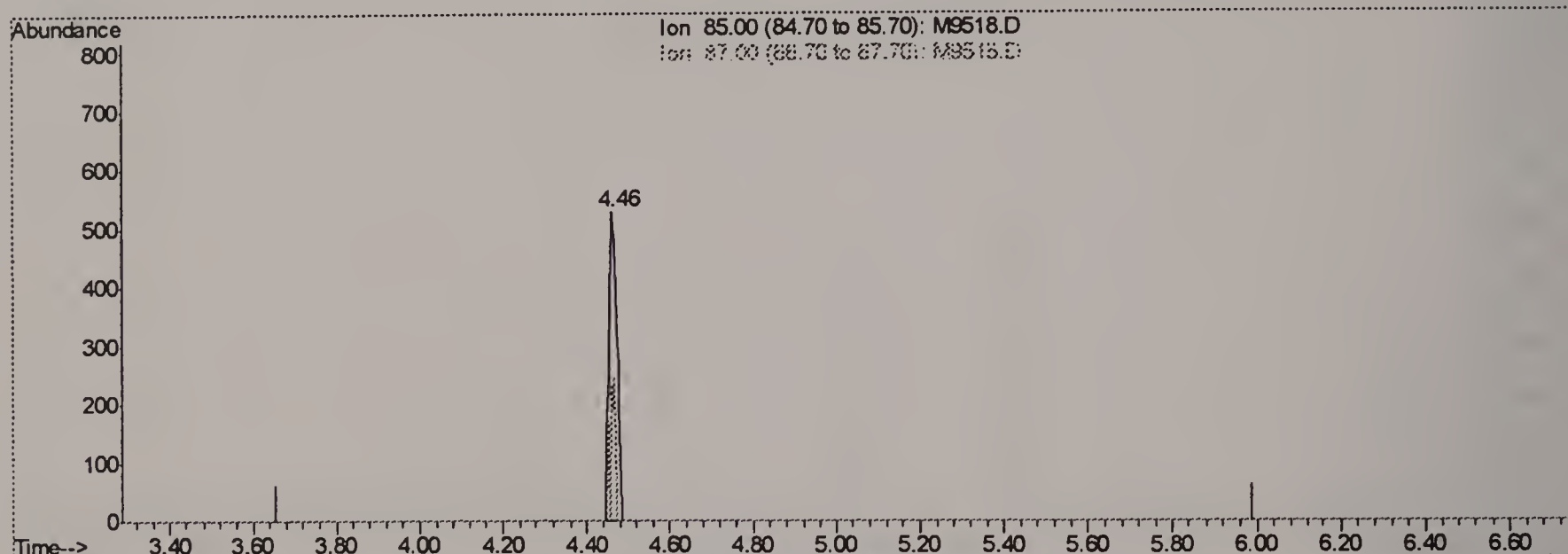
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(6) dichlorodifluoromethane (M)

4.46min 1.50ug/L m

response 747

Ion	Exp%	Act%
85.00	100	100
87.00	31.60	38.10
0.00	0.00	0.00
0.00	0.00	0.00

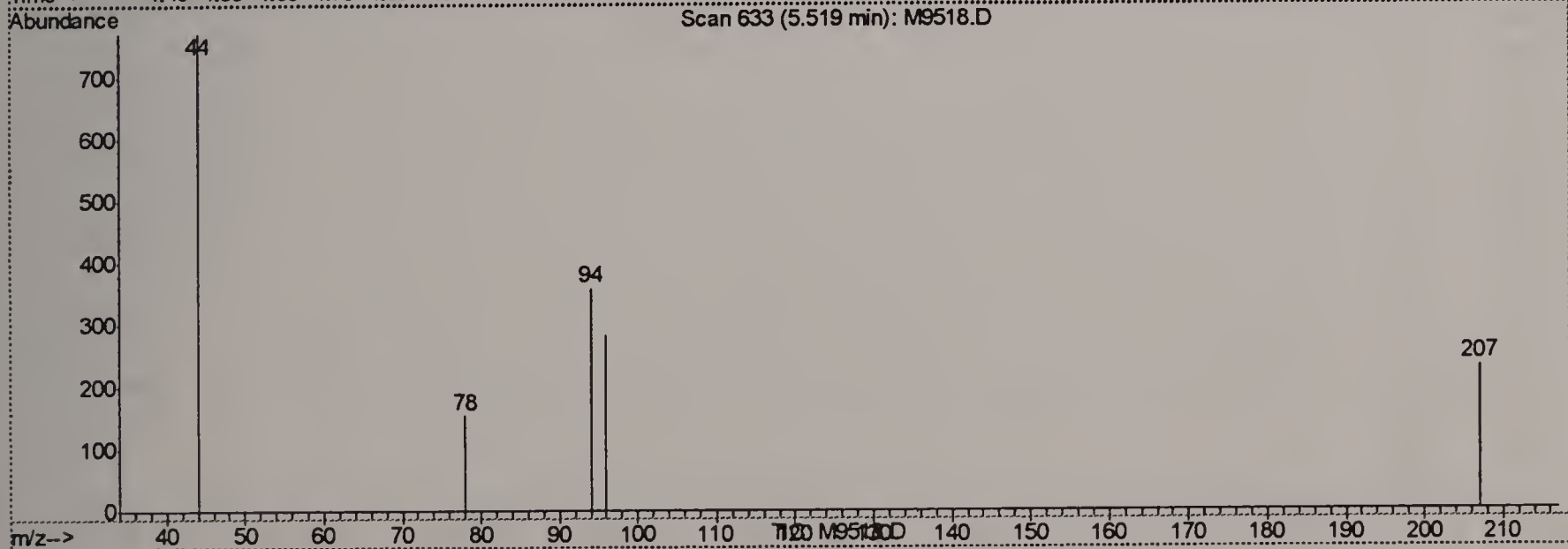
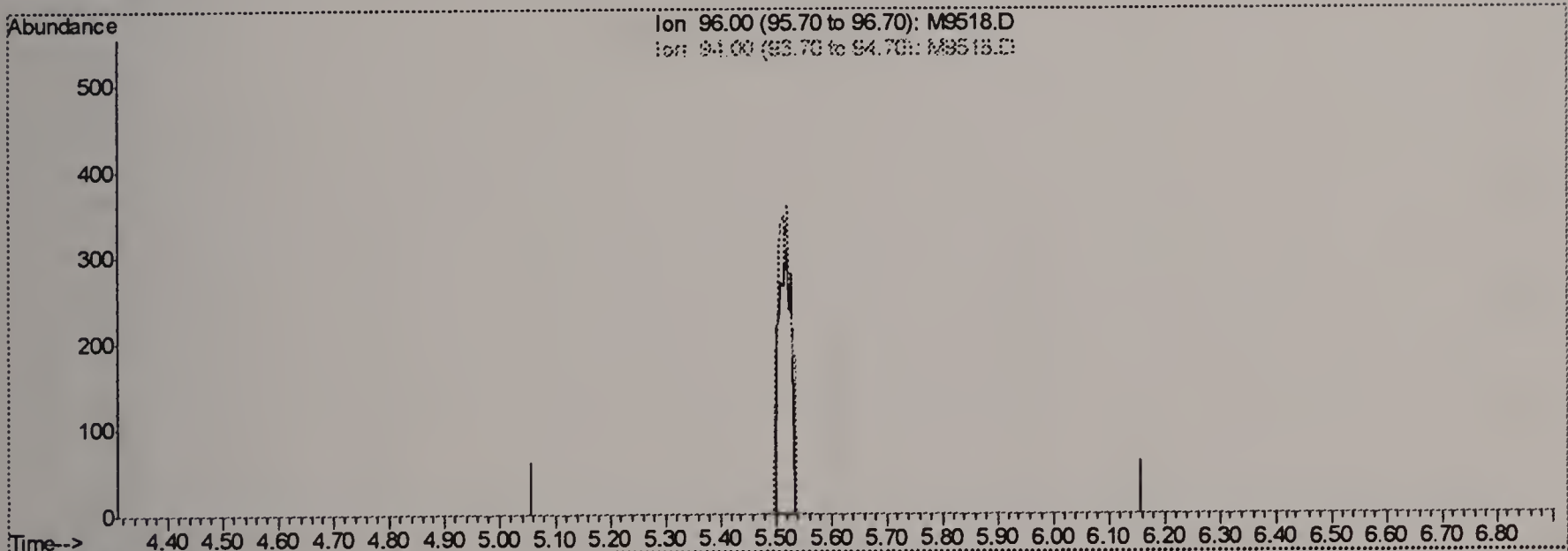
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(9) bromomethane (M)

5.52min 0.00ug/L

response 0

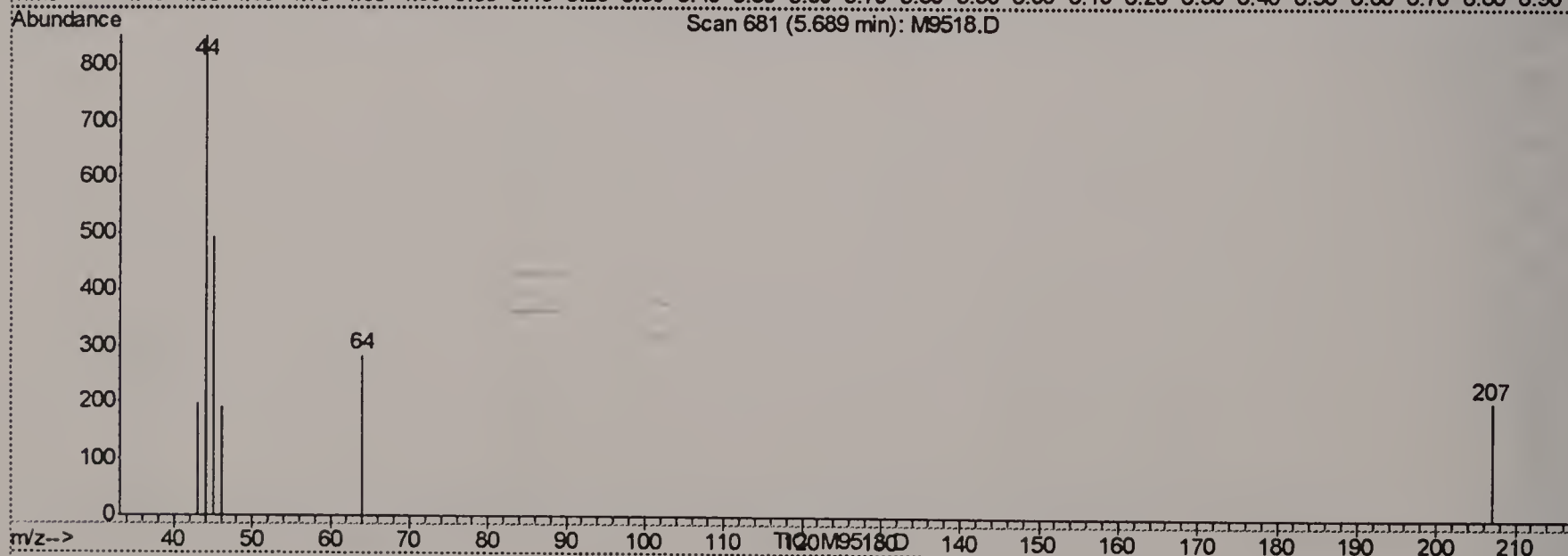
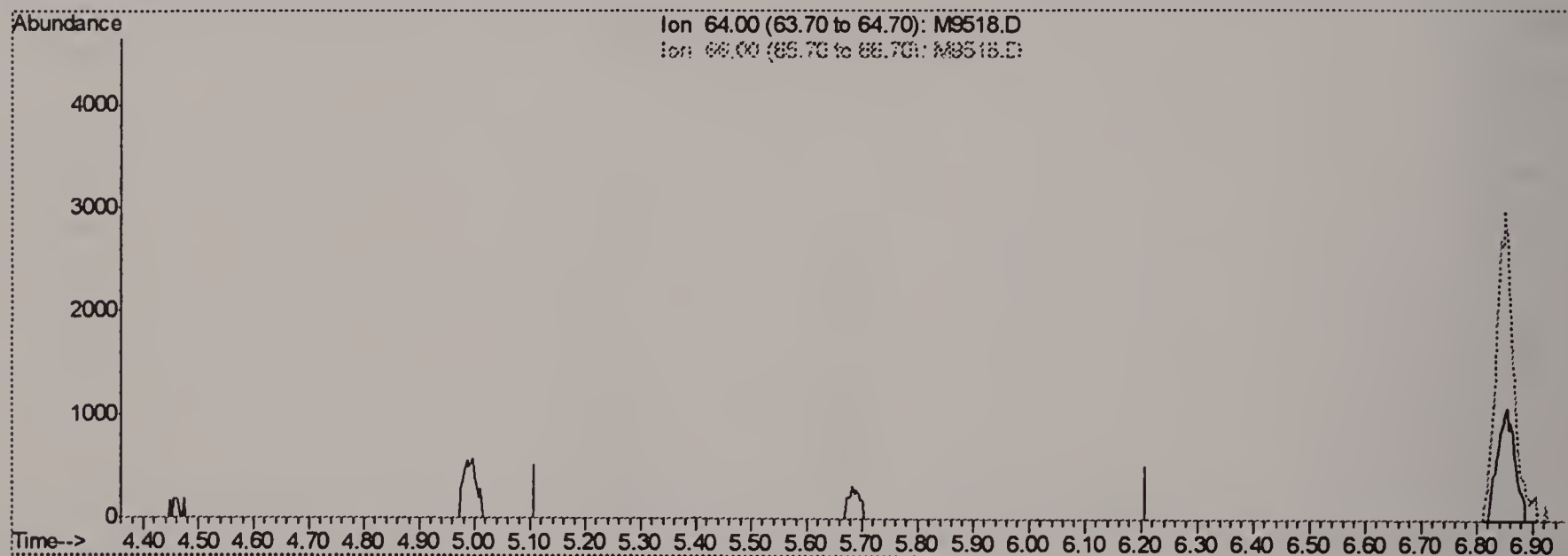
Ion	Exp%	Act%
96.00	100	0.00
94.00	110.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(10) chloroethane (M)

5.69min 0.00ug/L

response 0

Ion	Exp%	Act%
64.00	100	0.00
66.00	33.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

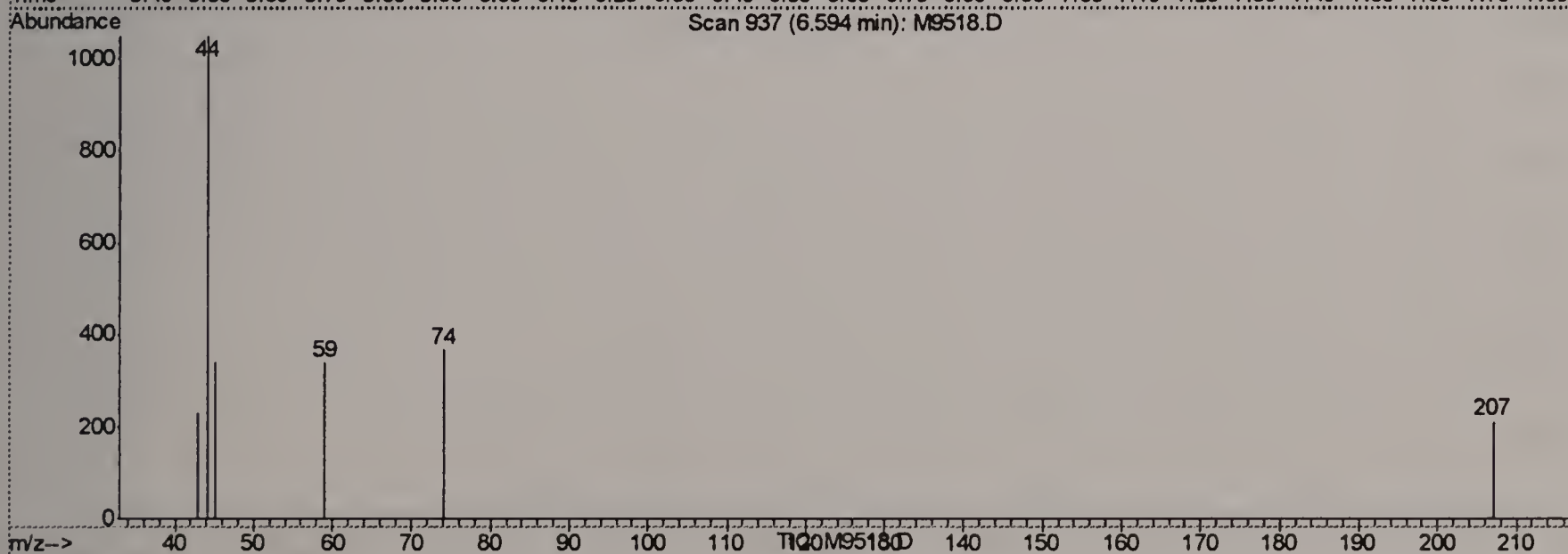
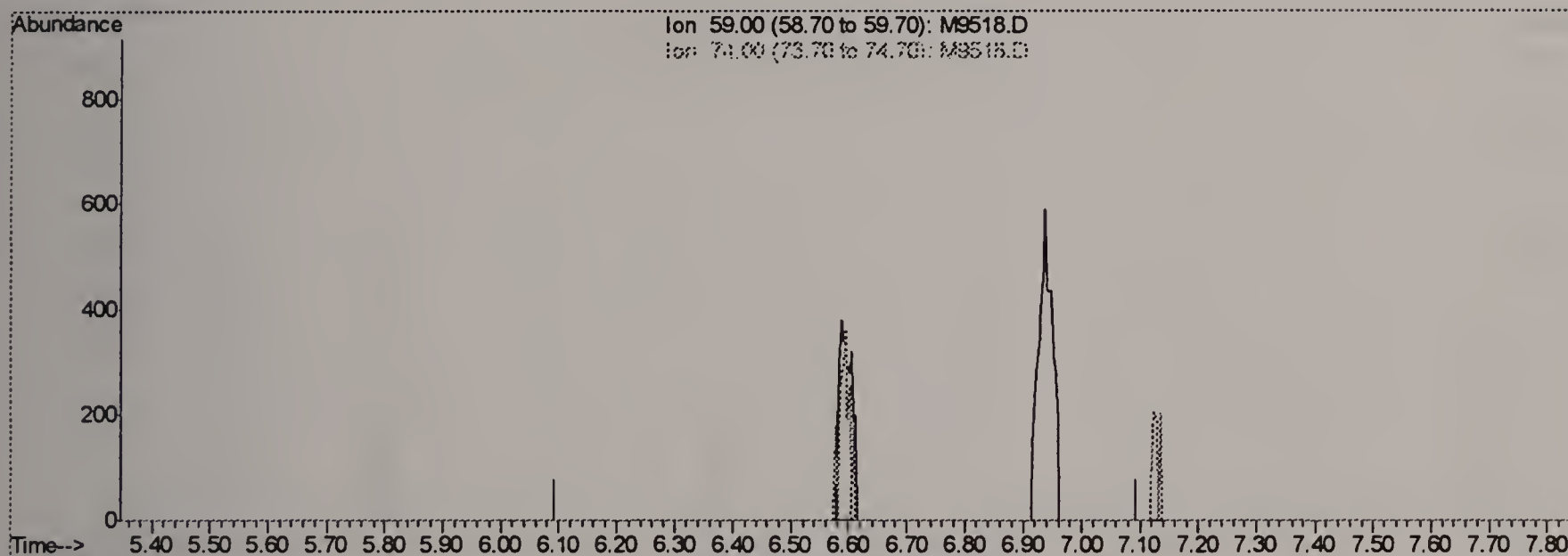
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:19 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(11) ethyl ether (M)

6.59min 0.00ug/L

response 0

Ion	Exp%	Act%
59.00	100	0.00
74.00	62.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

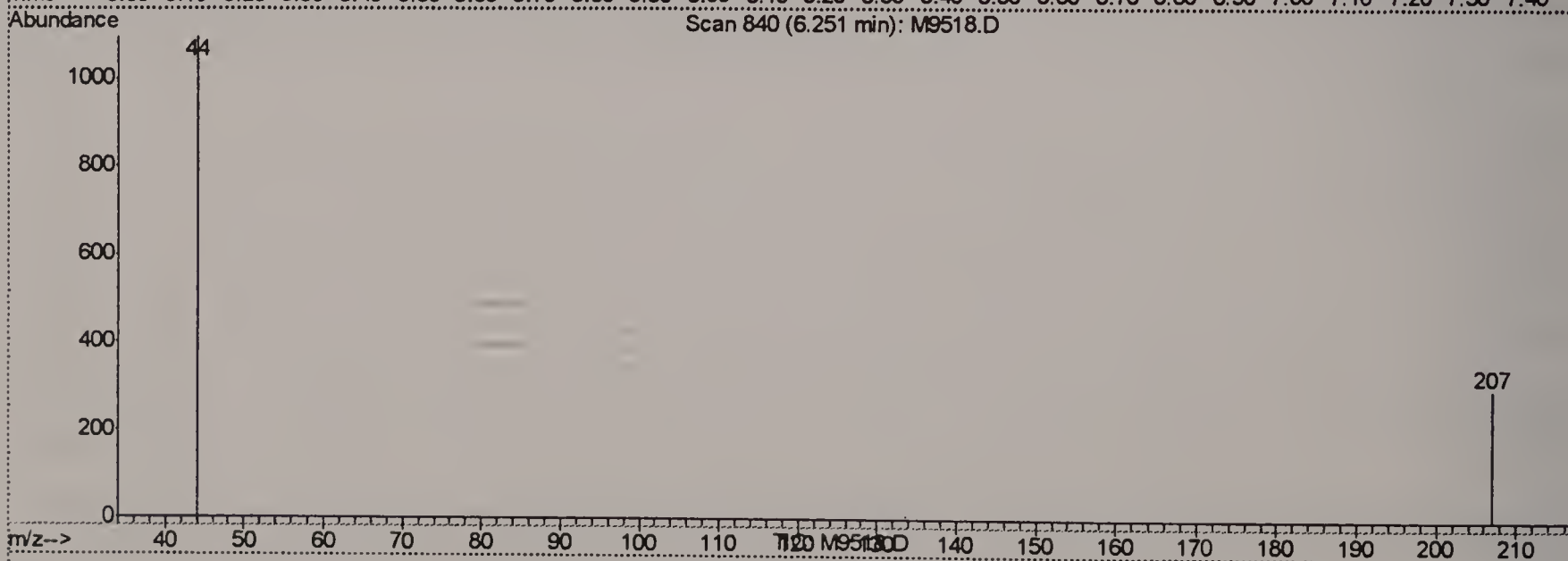
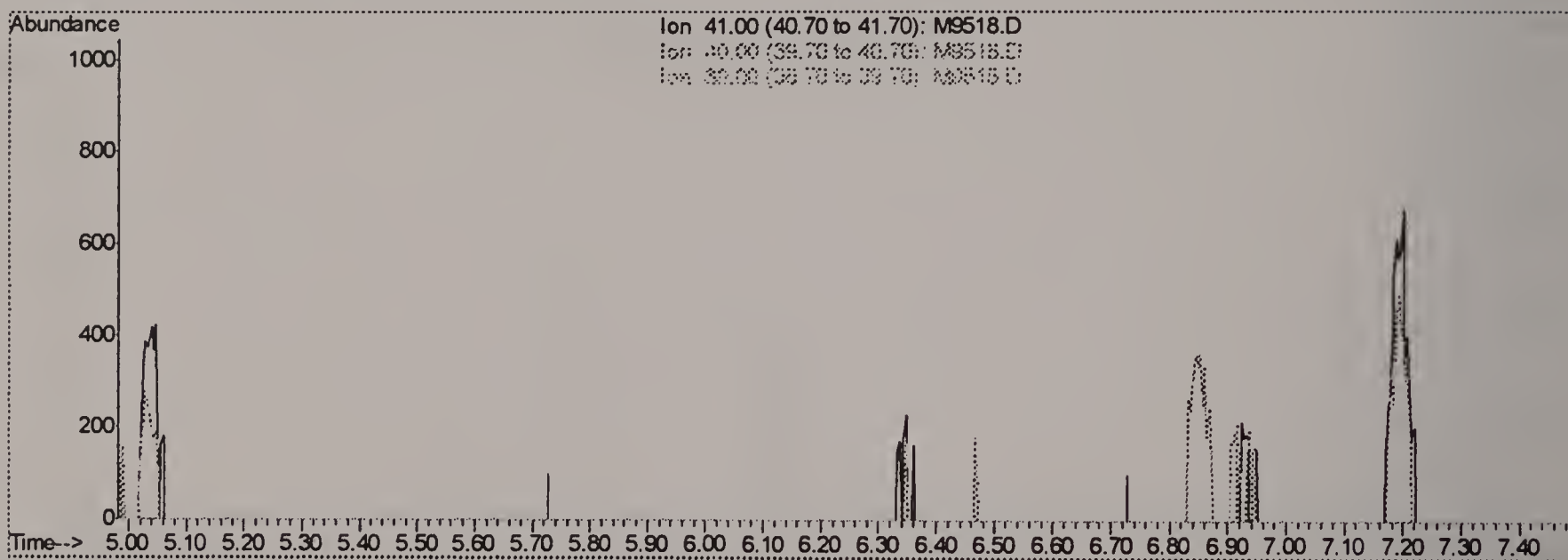
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(12) acetonitrile (M)

6.25min 0.00ug/L

response 0

Ion	Exp%	Act%
41.00	100	0.00
40.00	18.30	0.00
39.00	73.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D

Vial: 4

Acq On : 5 May 2006 9:18 am

Operator: sandrac

Sample : IC310-1,1 PPB STD

Inst : MSM

Misc : ms11317,msm310,10,,100,10,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: May 5 12:20 2006

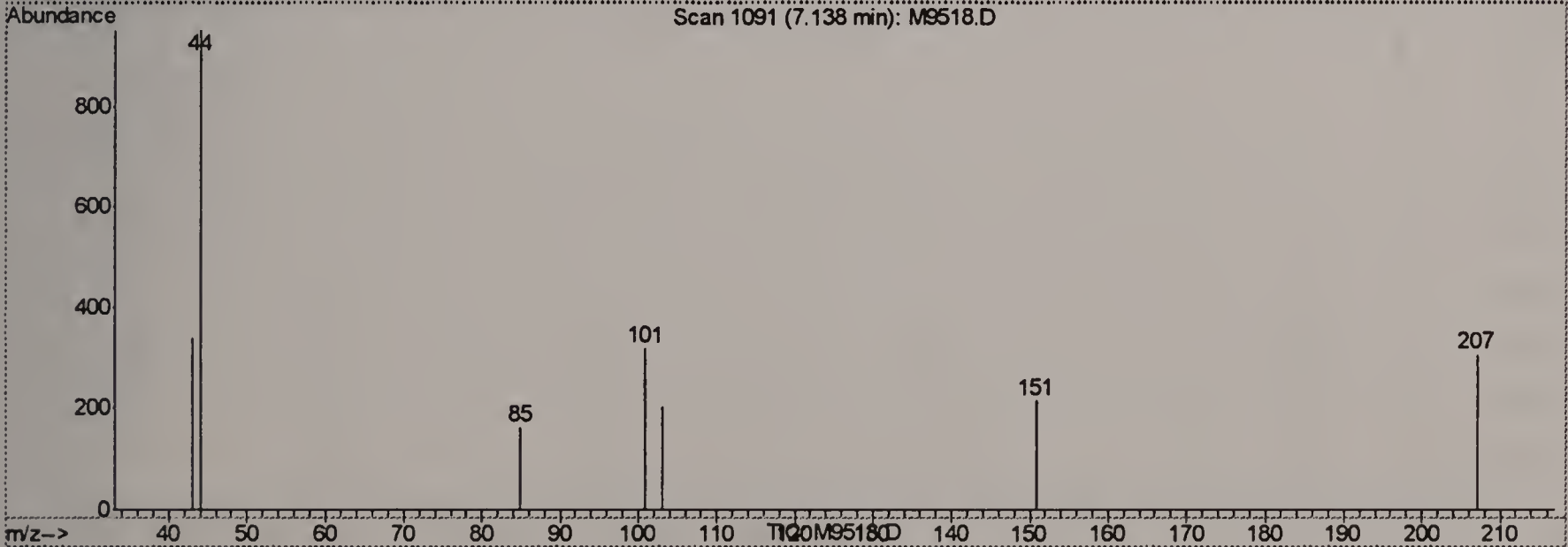
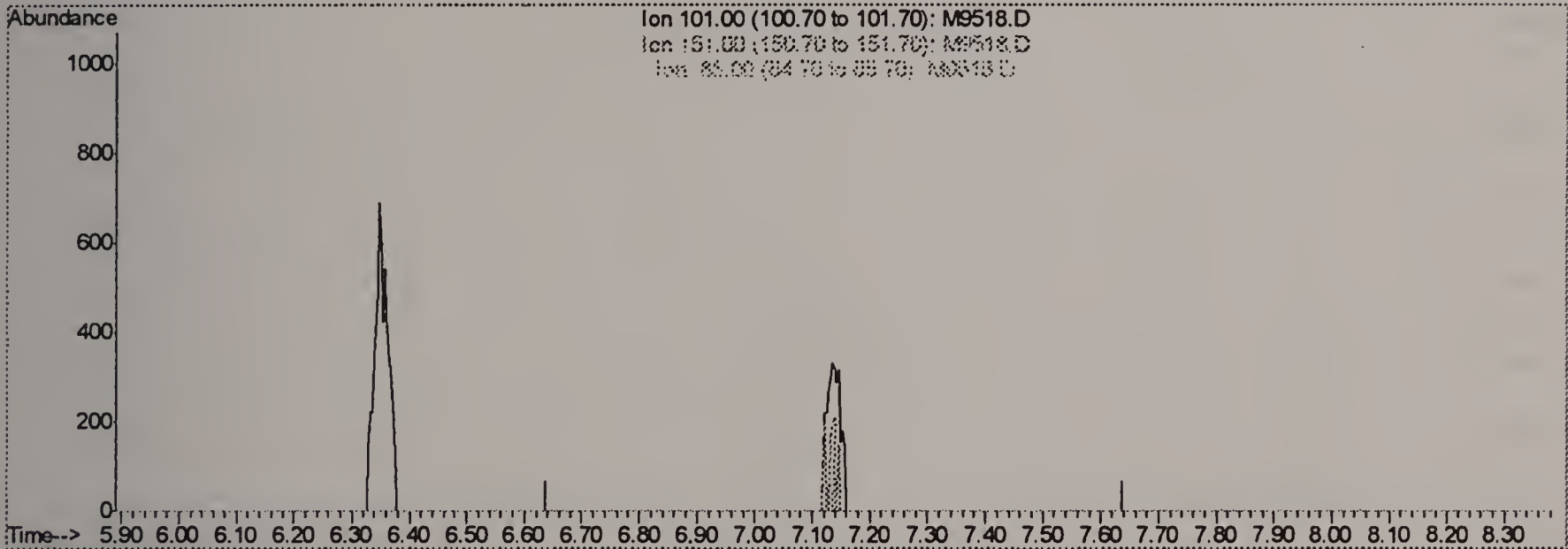
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)

Title : SW-846 Method 8260

Last Update : Fri May 05 12:15:44 2006

Response via : Multiple Level Calibration



(14) freon-113 (M)

7.14min 0.00ug/L

response 0

Ion	Exp%	Act%
101.00	100	0.00
151.00	66.70	0.00#
85.00	47.90	0.00#
0.00	0.00	0.00

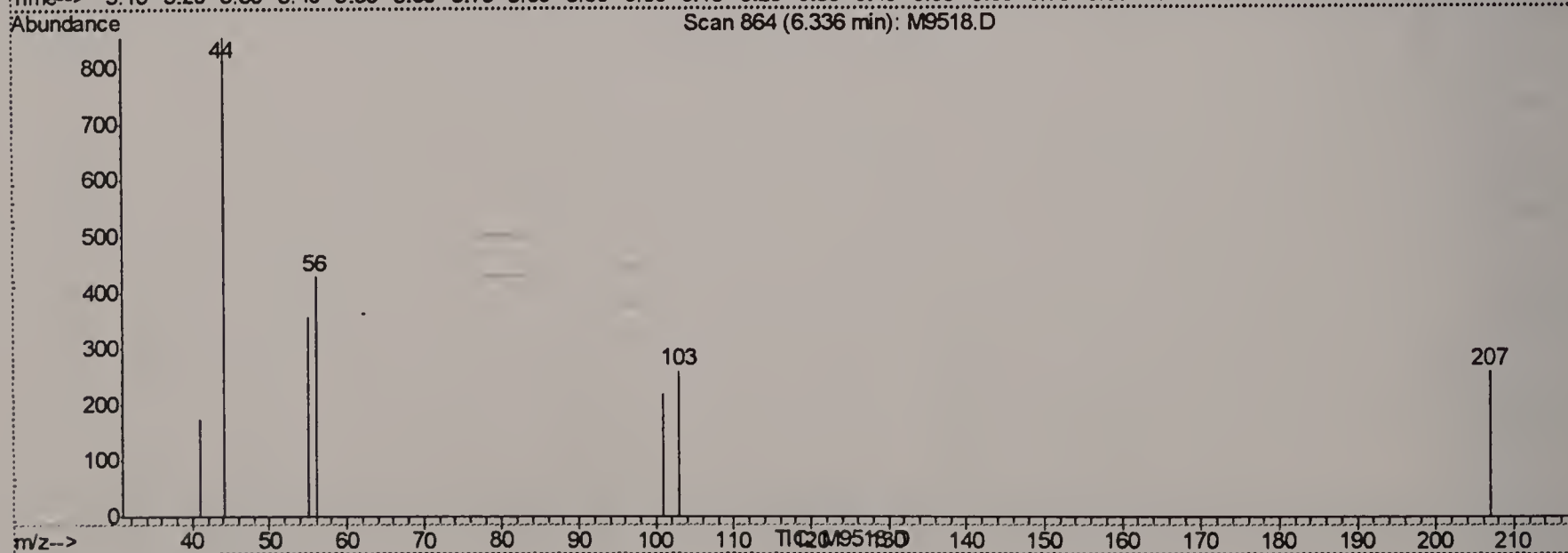
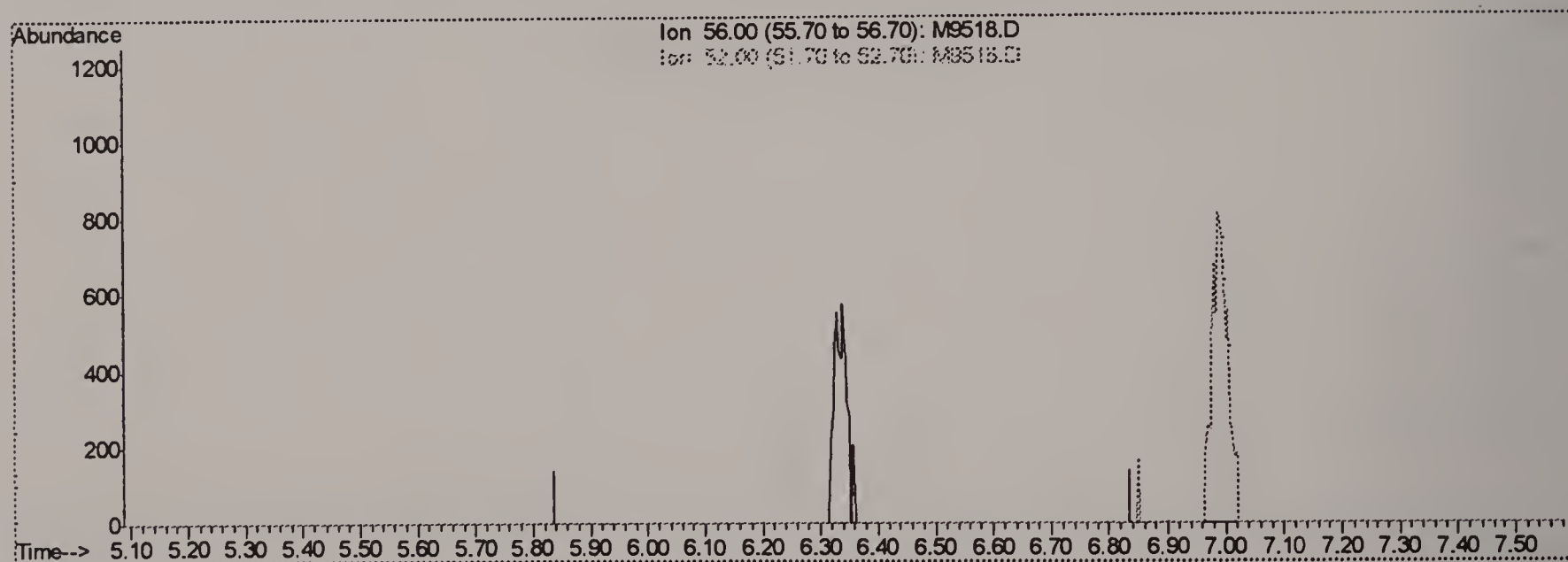
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(15) acrolein (M)

6.34min 0.00ug/L

response 0

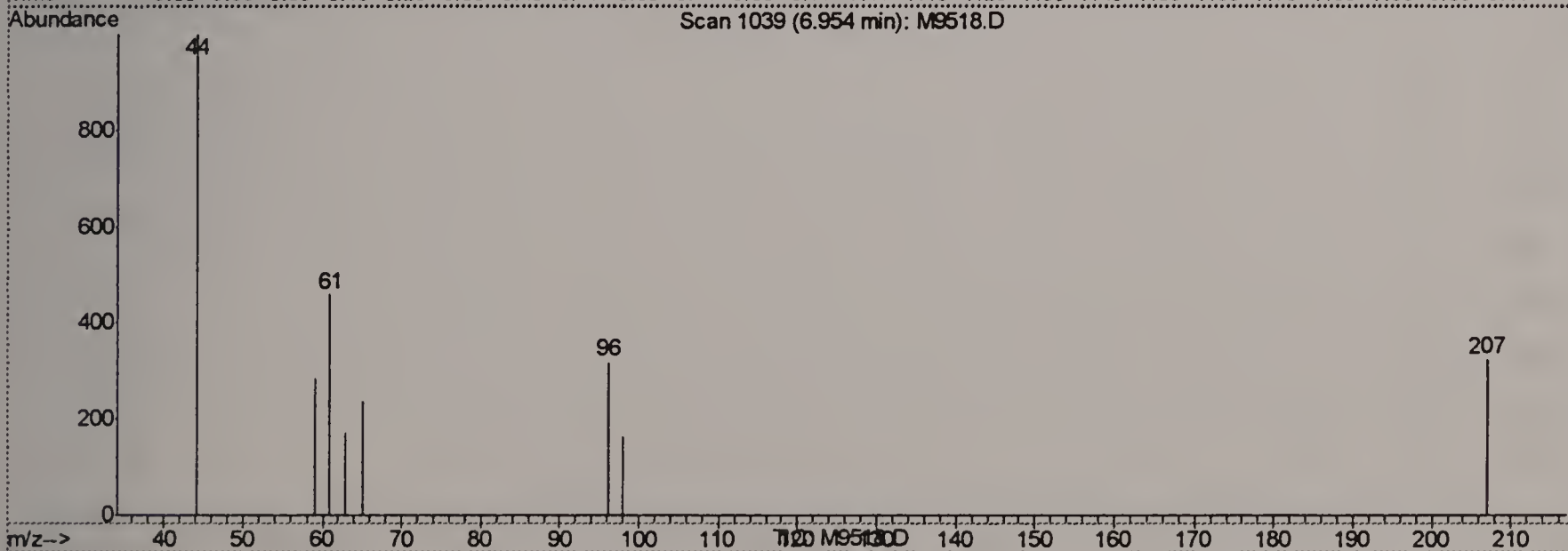
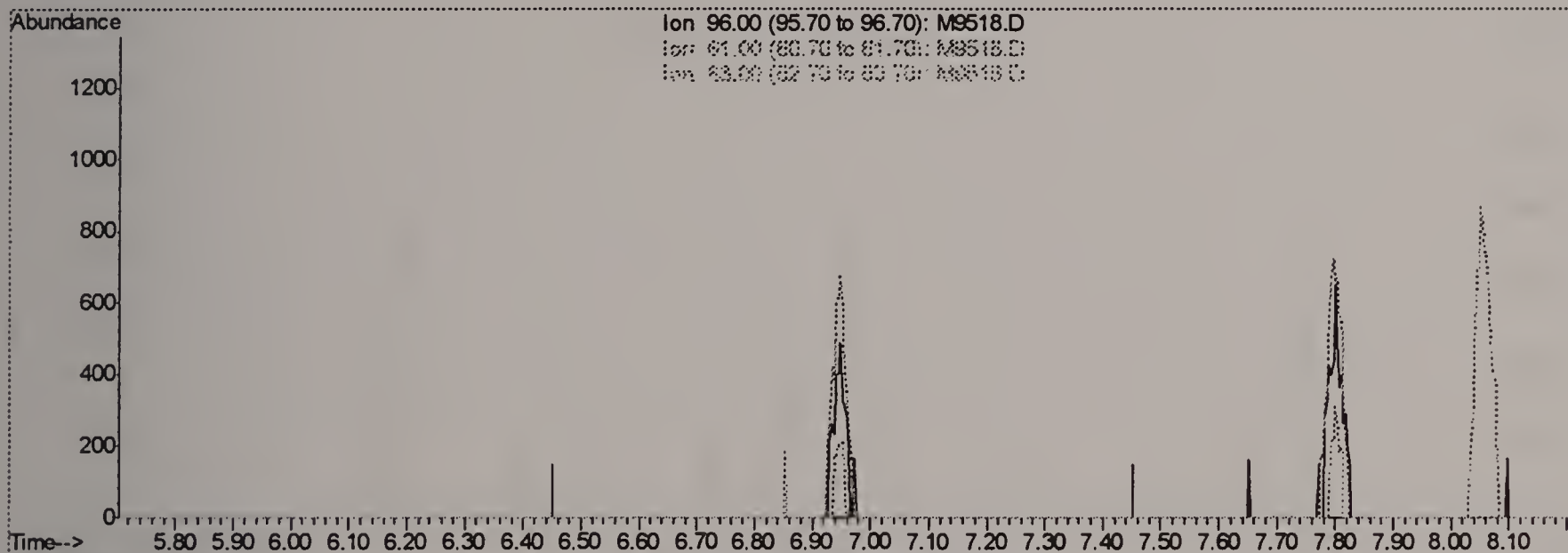
Ion	Exp%	Act%
56.00	100	0.00
52.00	1.80	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(16) 1,1-dichloroethene (c)

6.95min 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	187.10	0.00#
63.00	63.70	0.00#
0.00	0.00	0.00

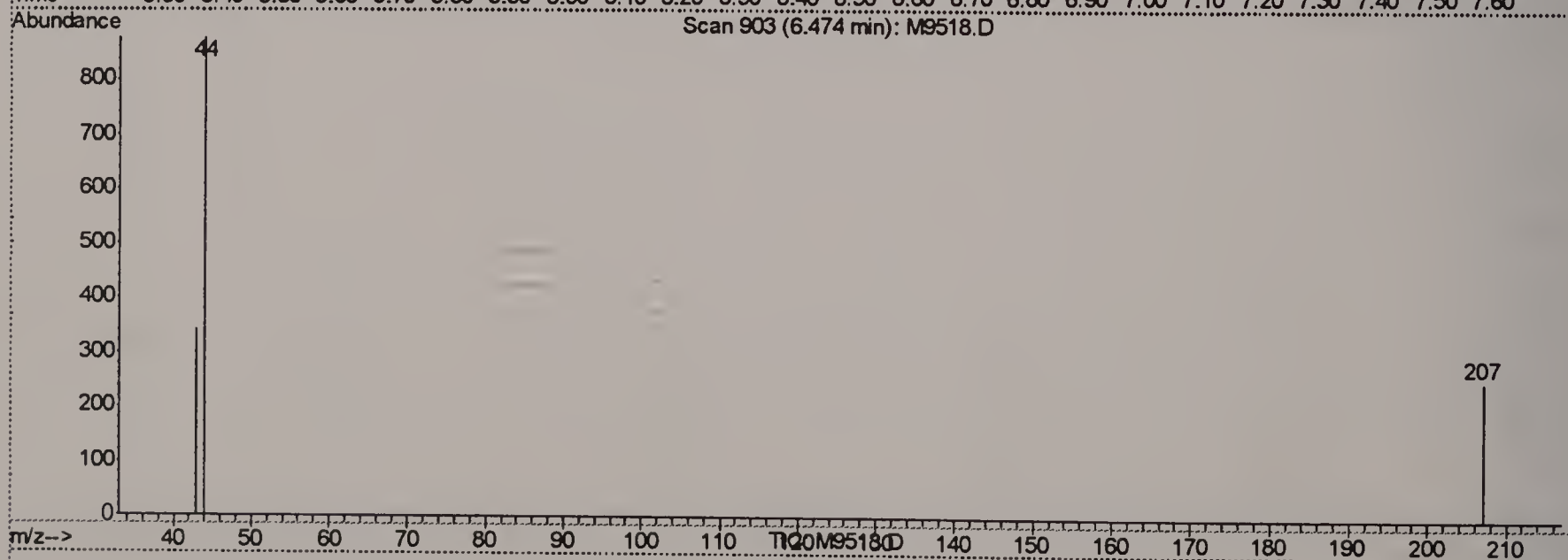
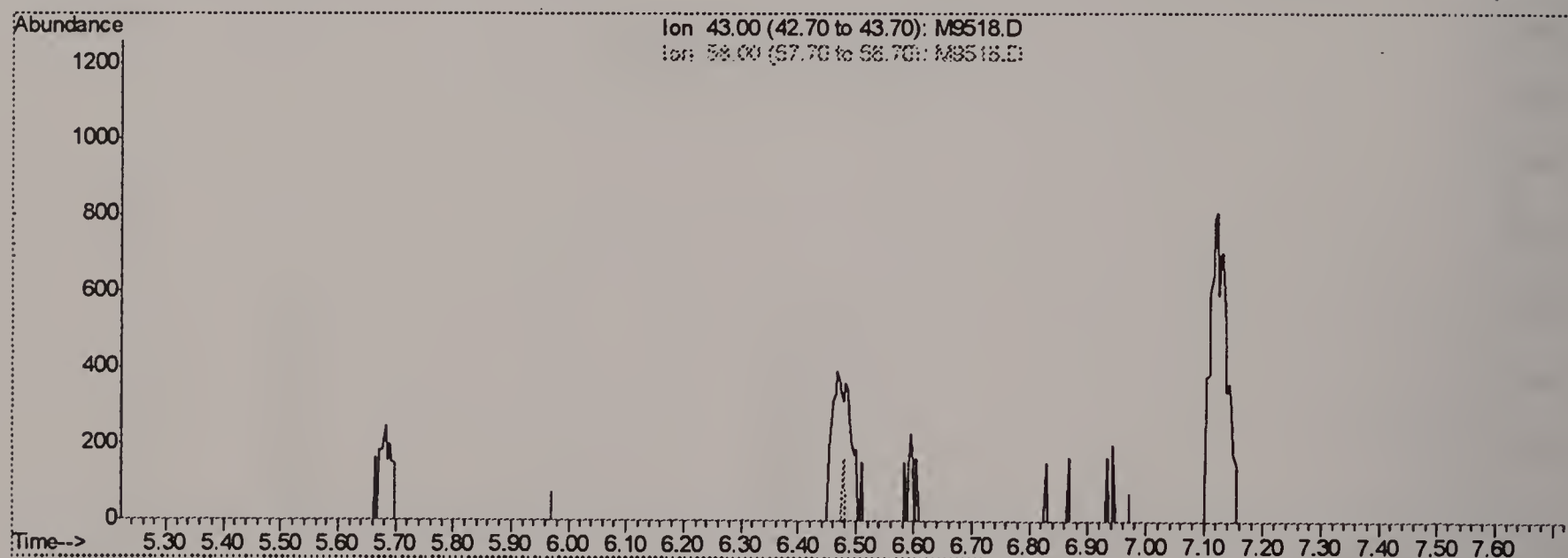
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(17) acetone (M)

6.47min 0.00ug/L

response 0

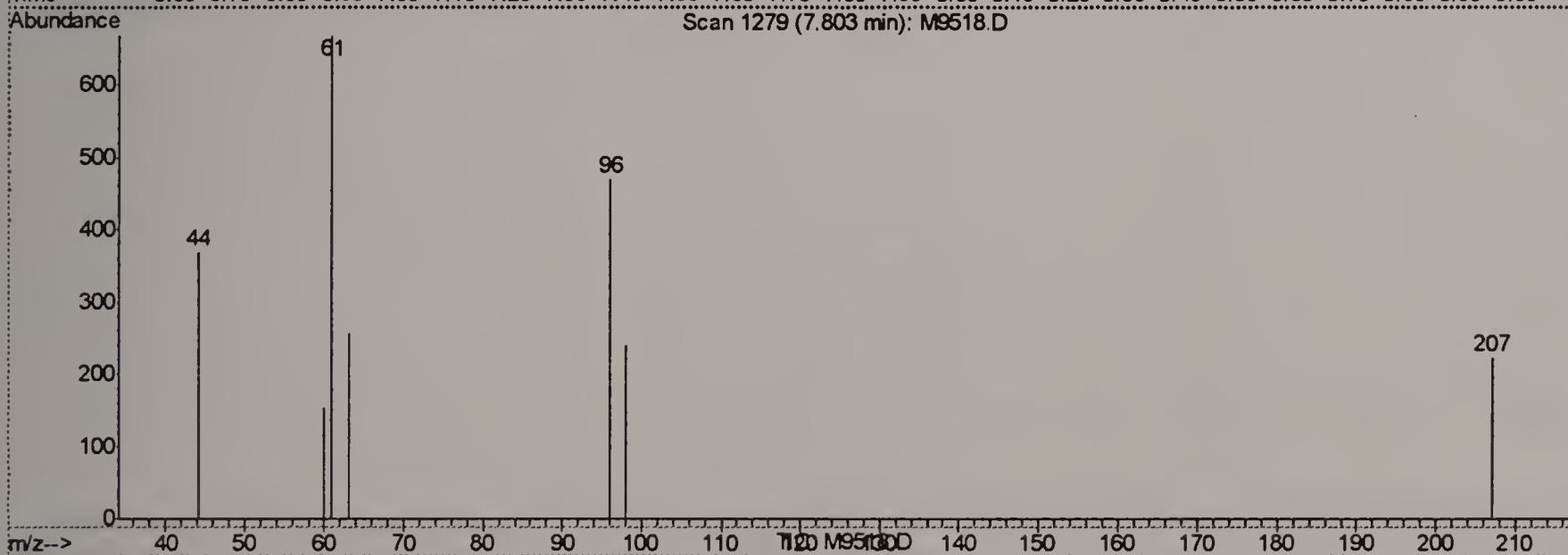
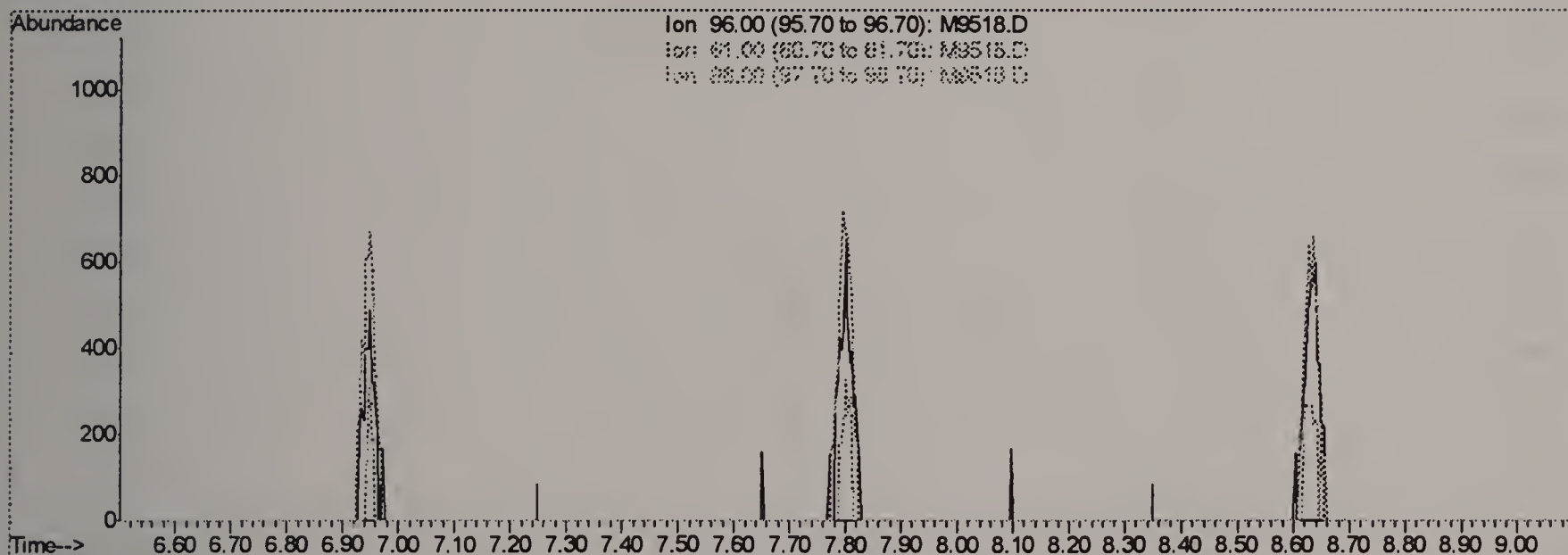
Ion	Exp%	Act%
43.00	100	0.00
58.00	36.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(23) trans-1,2-dichloroethene (M)

7.80min 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.00	161.00	0.00#
98.00	61.30	0.00#
0.00	0.00	0.00

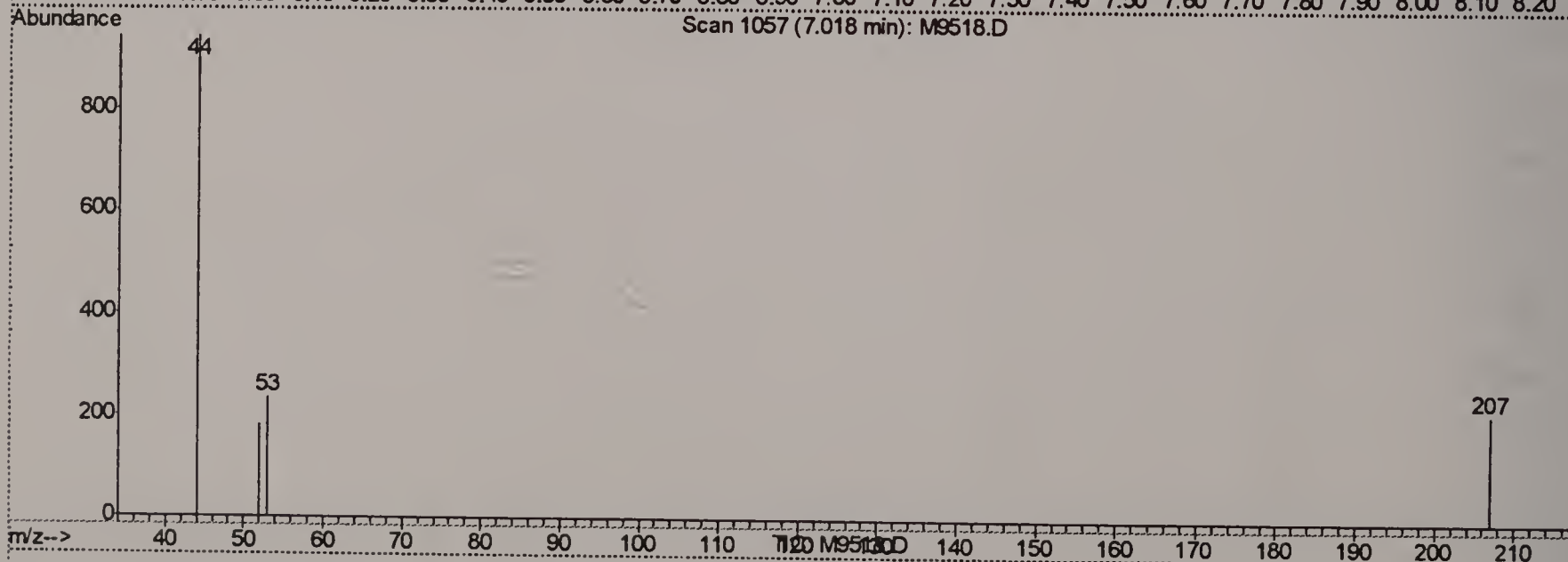
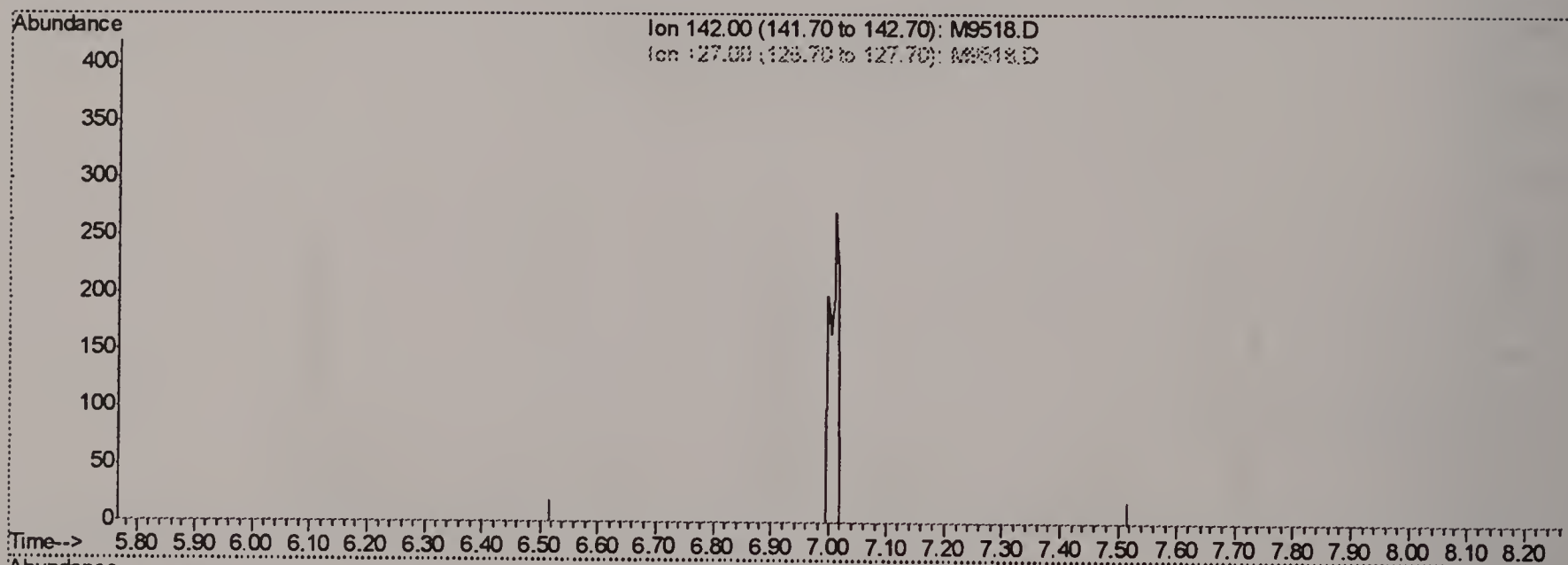
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(24) iodomethane (M)

7.02min 0.00ug/L

response 0

Ion	Exp%	Act%
142.00	100	0.00
127.00	39.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

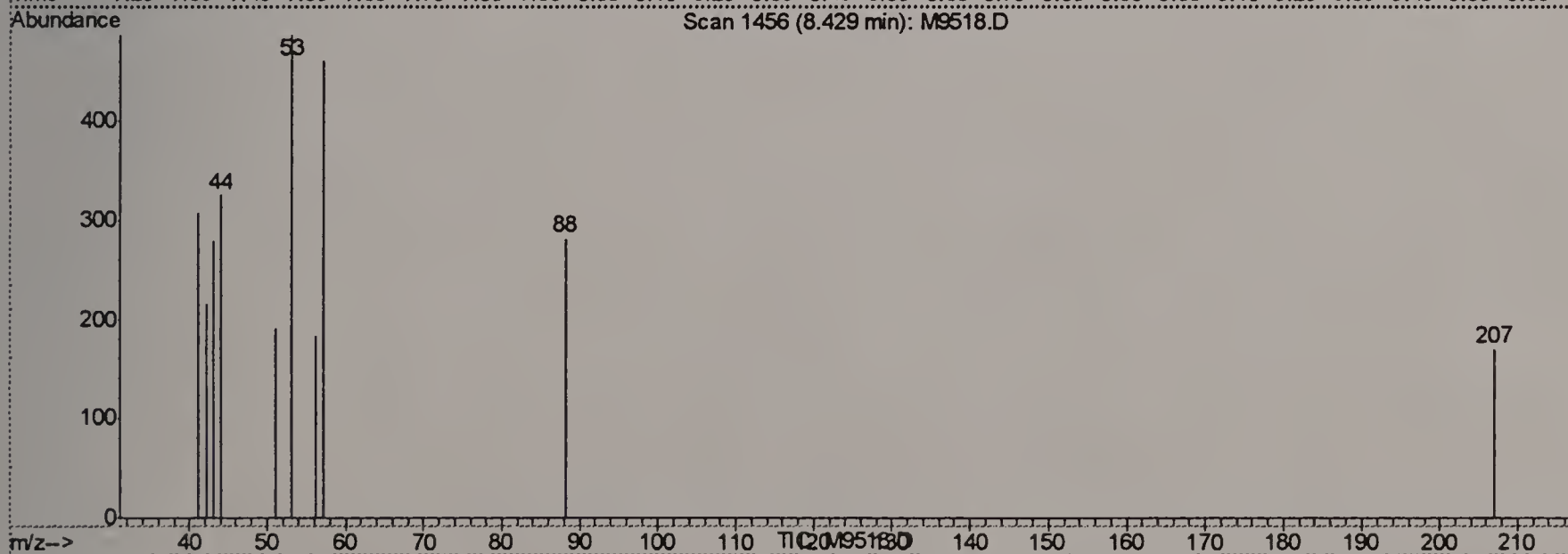
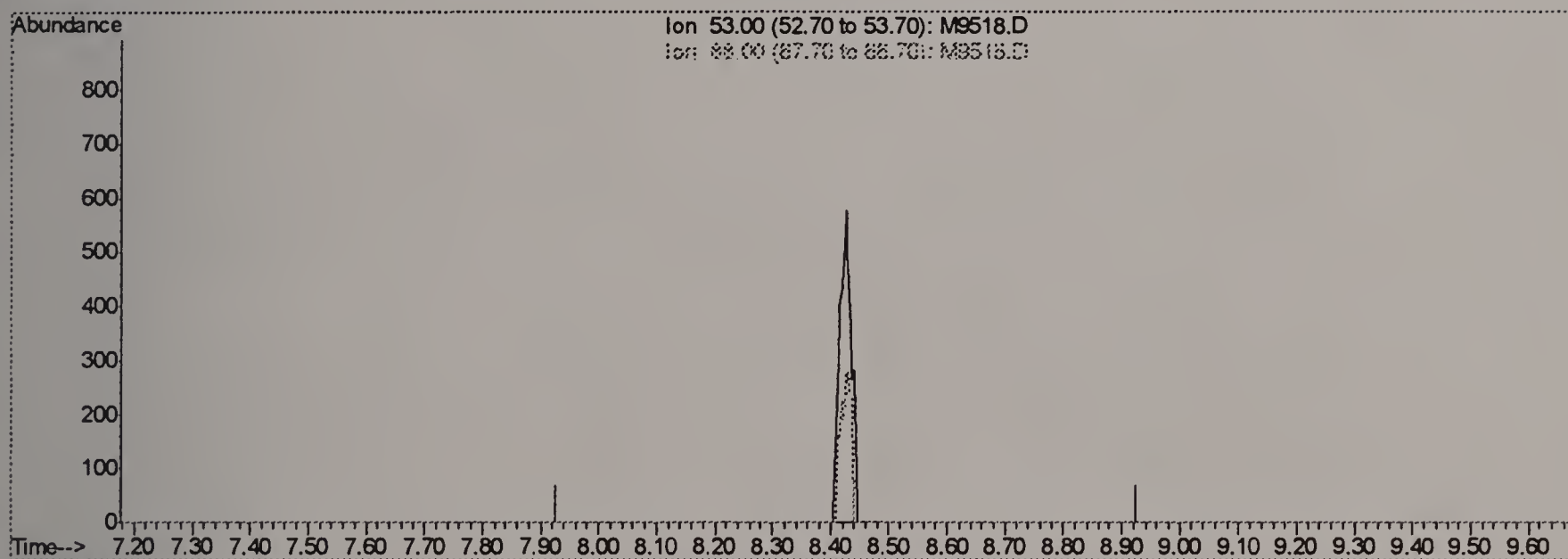
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(28) chloroprene (M)

8.43min 0.00ug/L

response 0

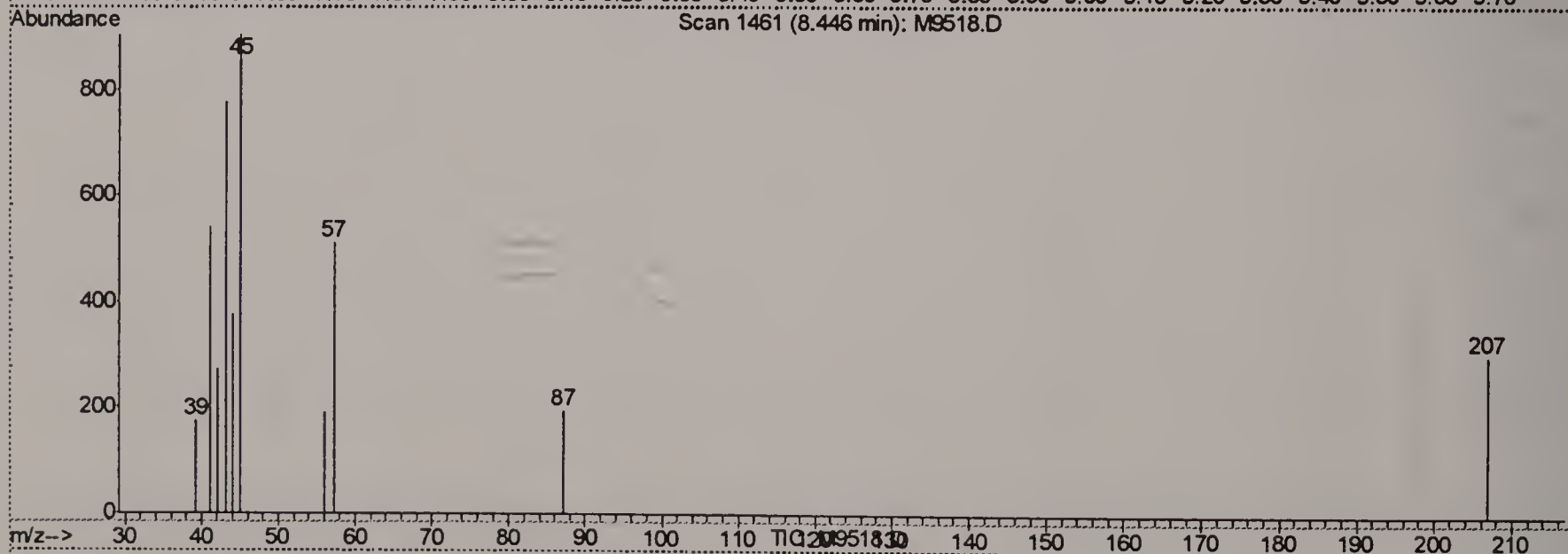
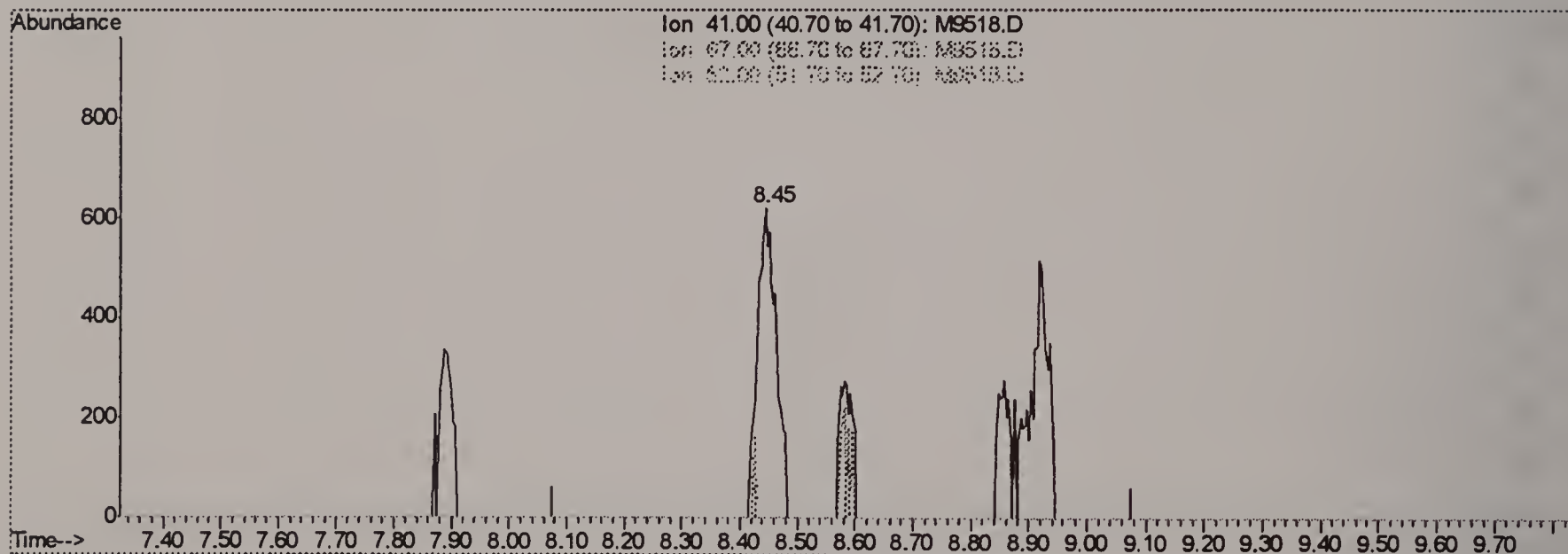
Ion	Exp%	Act%
53.00	100	0.00
88.00	50.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:20 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(30) methacrylonitrile (M)

8.45min 2.29ug/L

response 1390

Ion	Exp%	Act%
41.00	100	100
67.00	69.20	0.00#
52.00	28.80	0.00
0.00	0.00	0.00

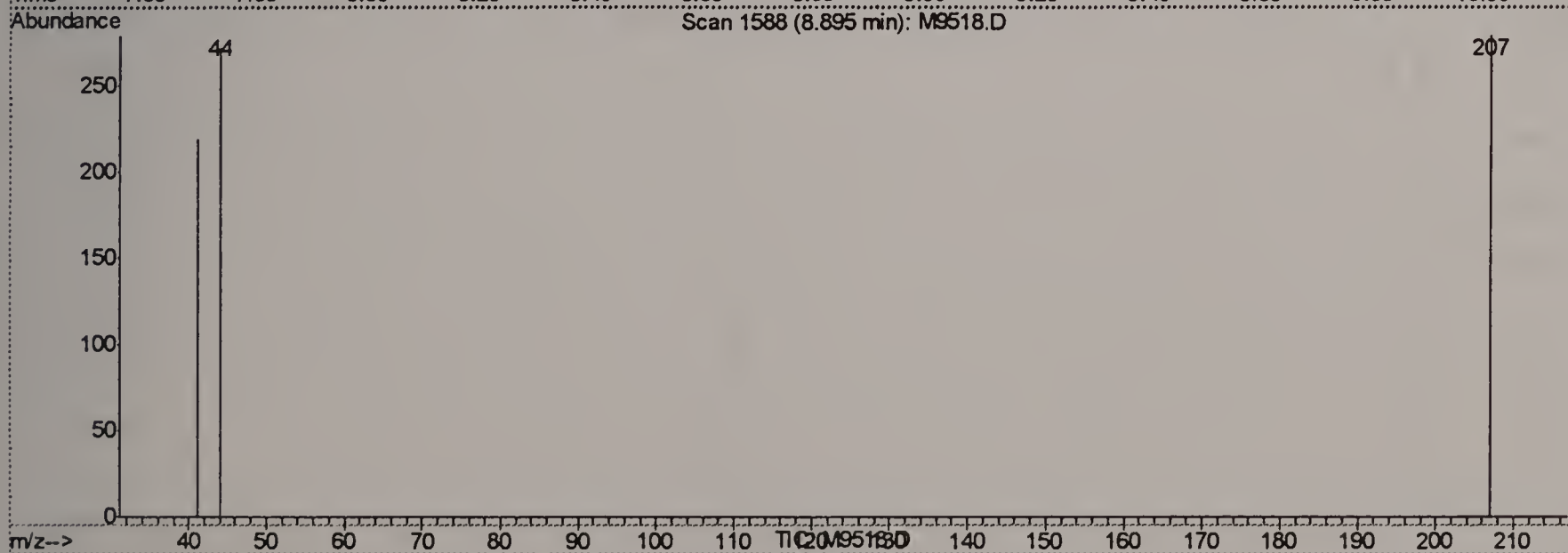
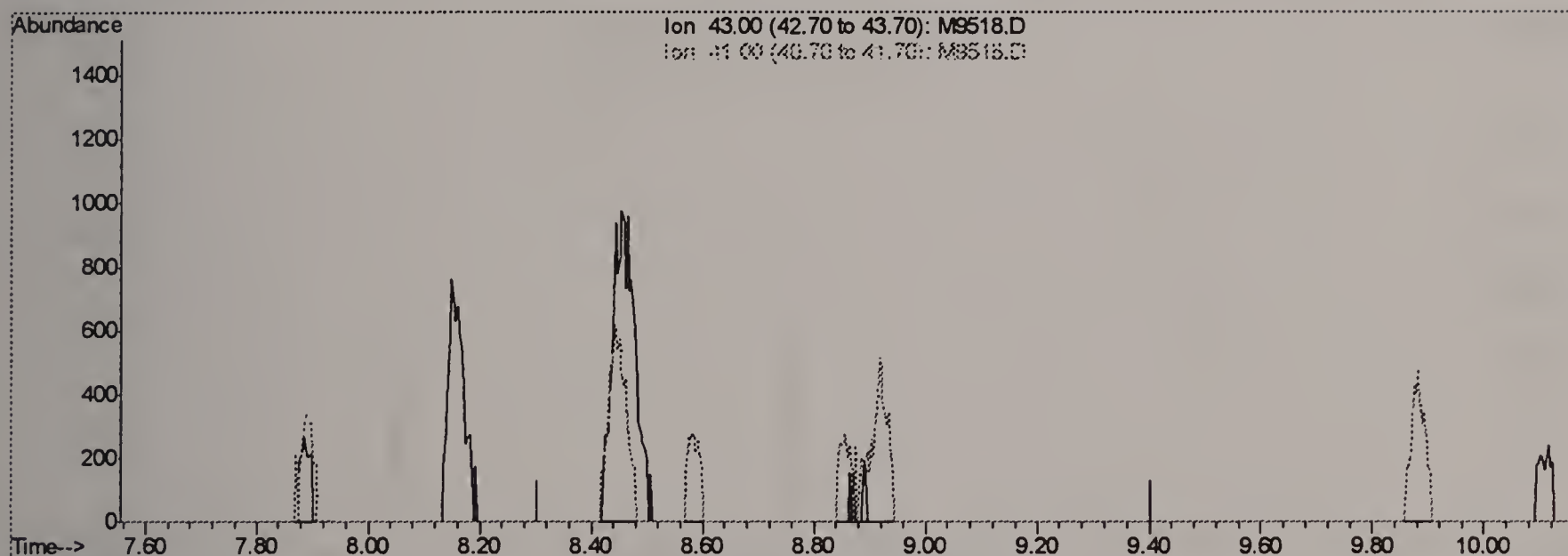
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:21 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(35) isobutyl alcohol (M)

8.90min 0.00ug/L

response 0

Ion	Exp%	Act%
43.00	100	0.00
41.00	114.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

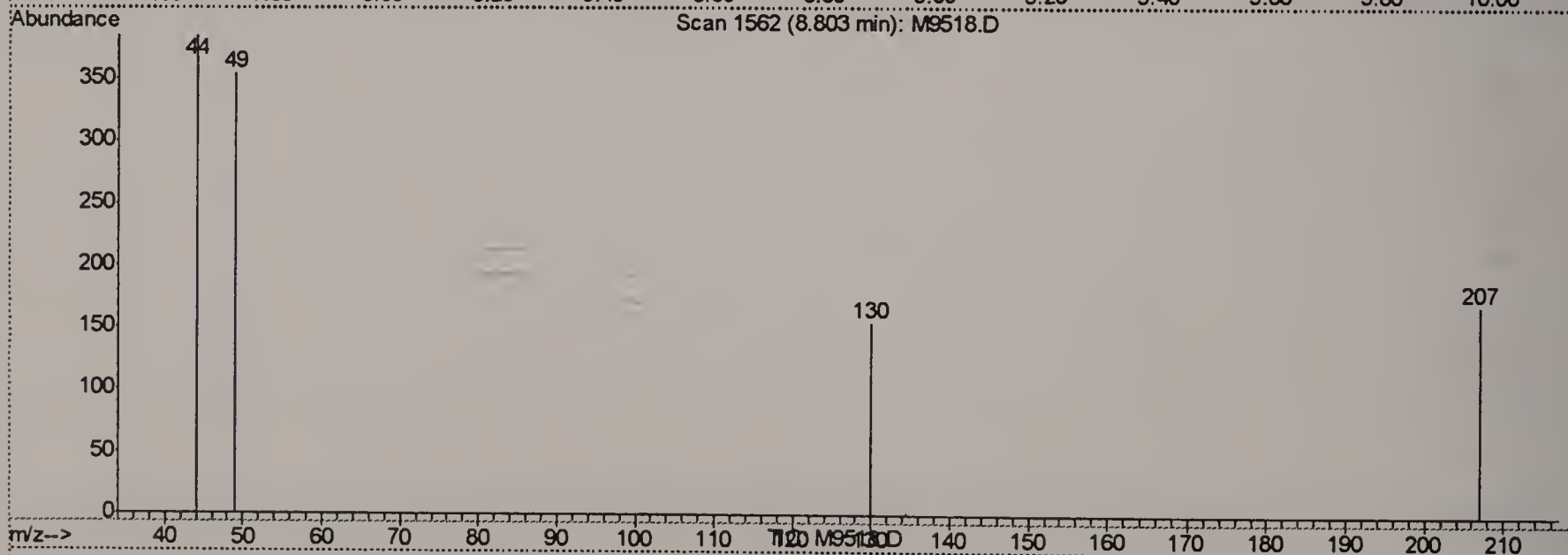
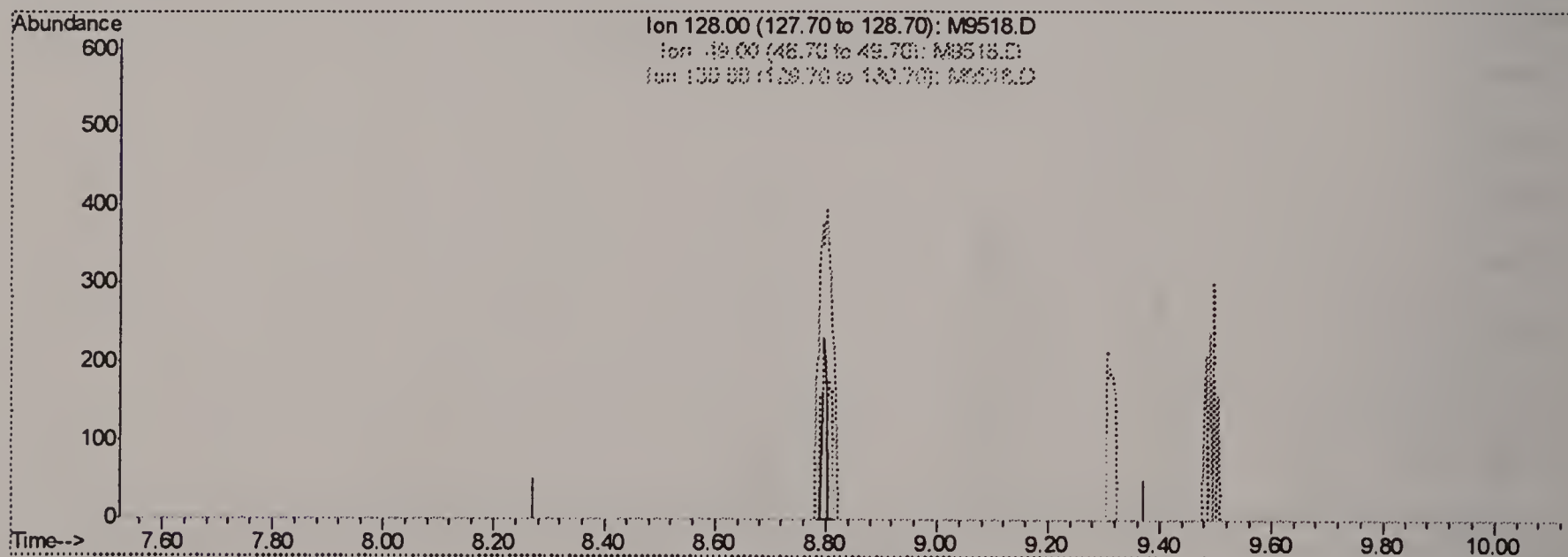
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:21 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(39) bromochloromethane (M)

8.80min 0.00ug/L

response 0

Ion	Exp%	Act%
128.00	100	0.00
49.00	243.70	0.00#
130.00	126.90	0.00#
0.00	0.00	0.00

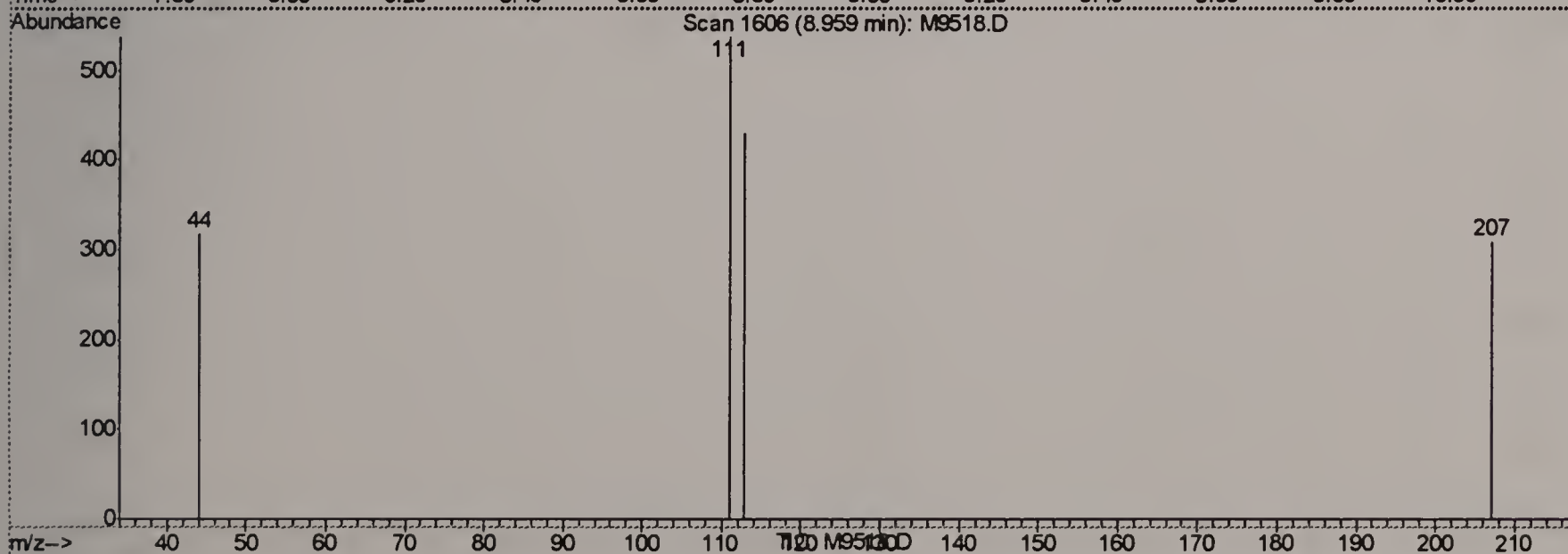
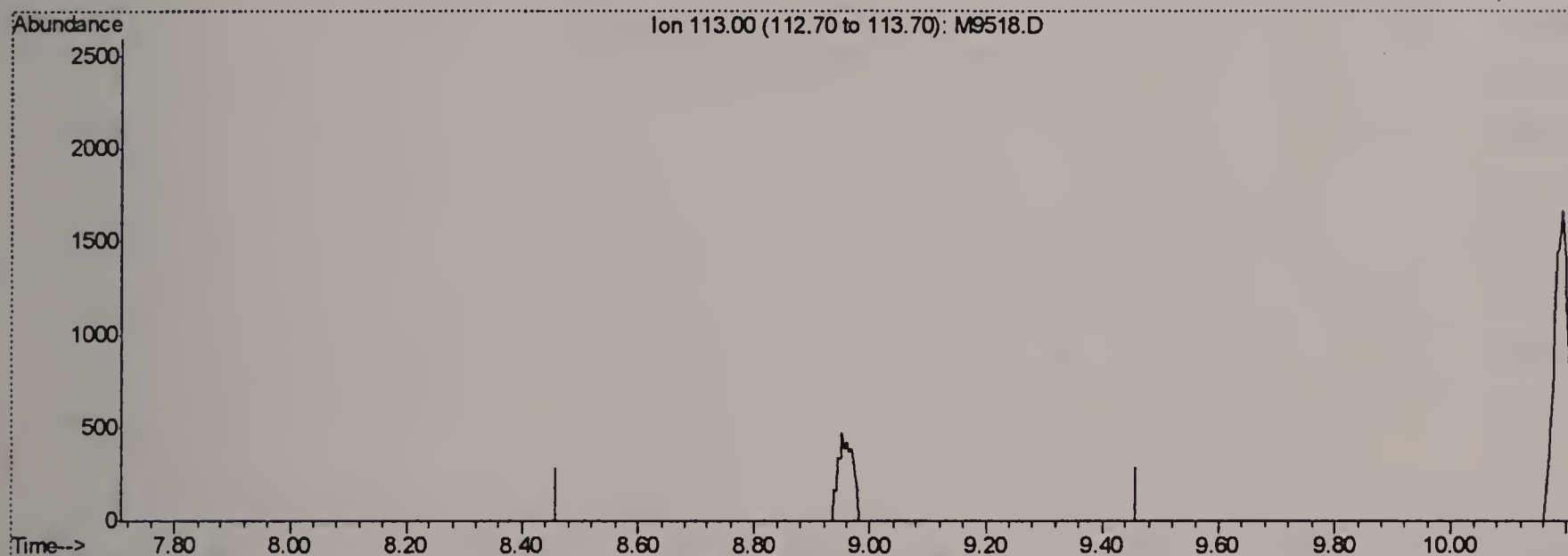
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:21 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(41) dibromofluoromethane (s) (S)

8.96min 0.00ug/L

response 0

Ion	Exp%	Act%
113.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

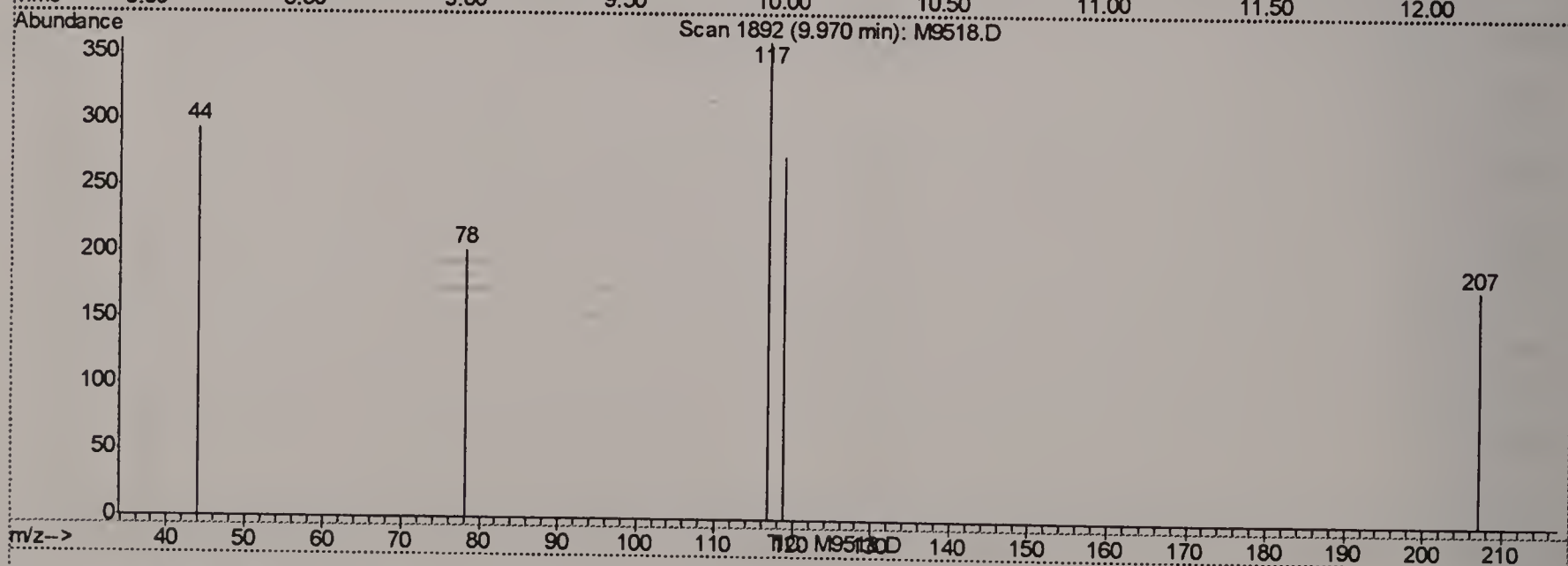
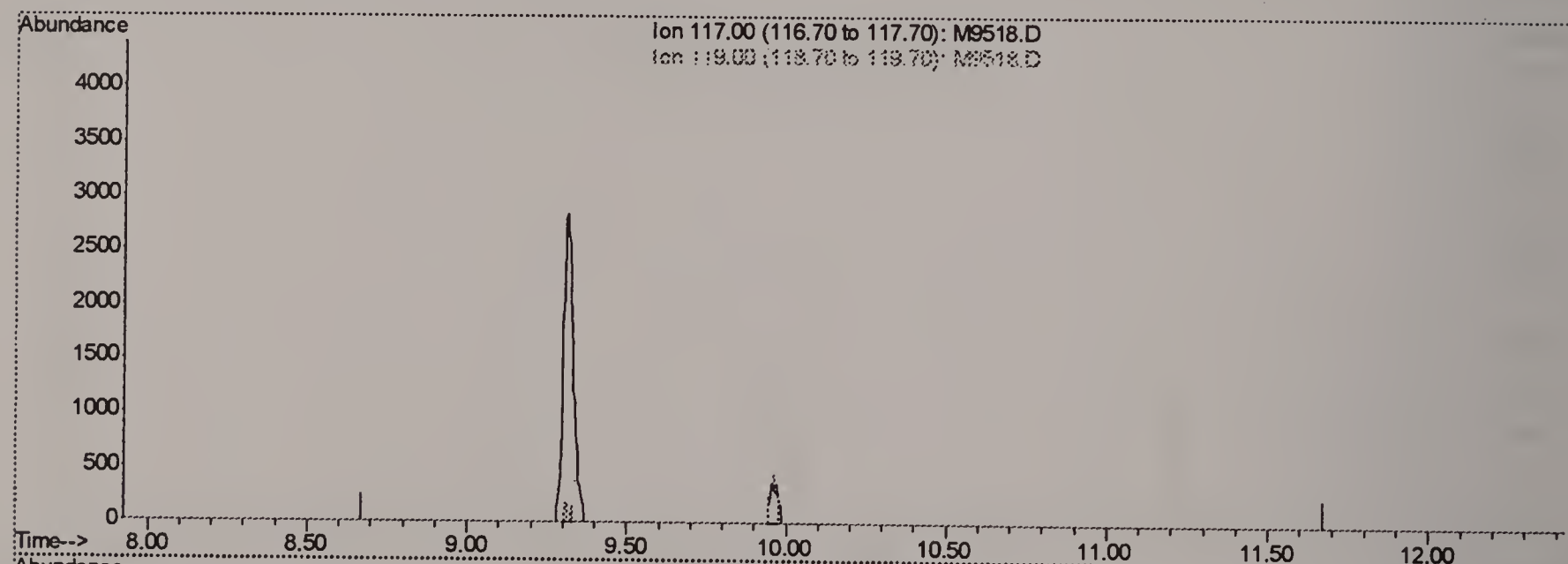
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:21 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(46) carbon tetrachloride (M)

9.96min 0.00ug/L

response 0

Ion	Exp%	Act%
117.00	100	0.00
119.00	97.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D

Vial: 4

Acq On : 5 May 2006 9:18 am

Operator: sandrac

Sample : IC310-1,1 PPB STD

Inst : MSM

Misc : ms11317,msm310,10,,100,10,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: May 5 12:21 2006

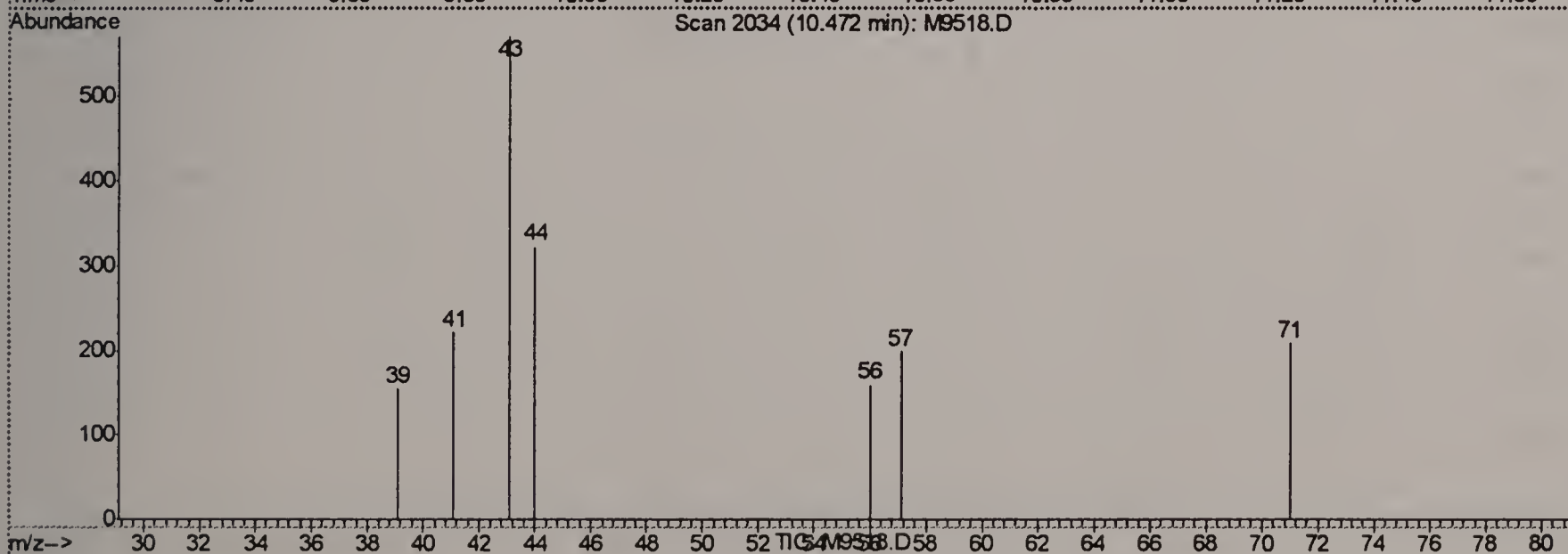
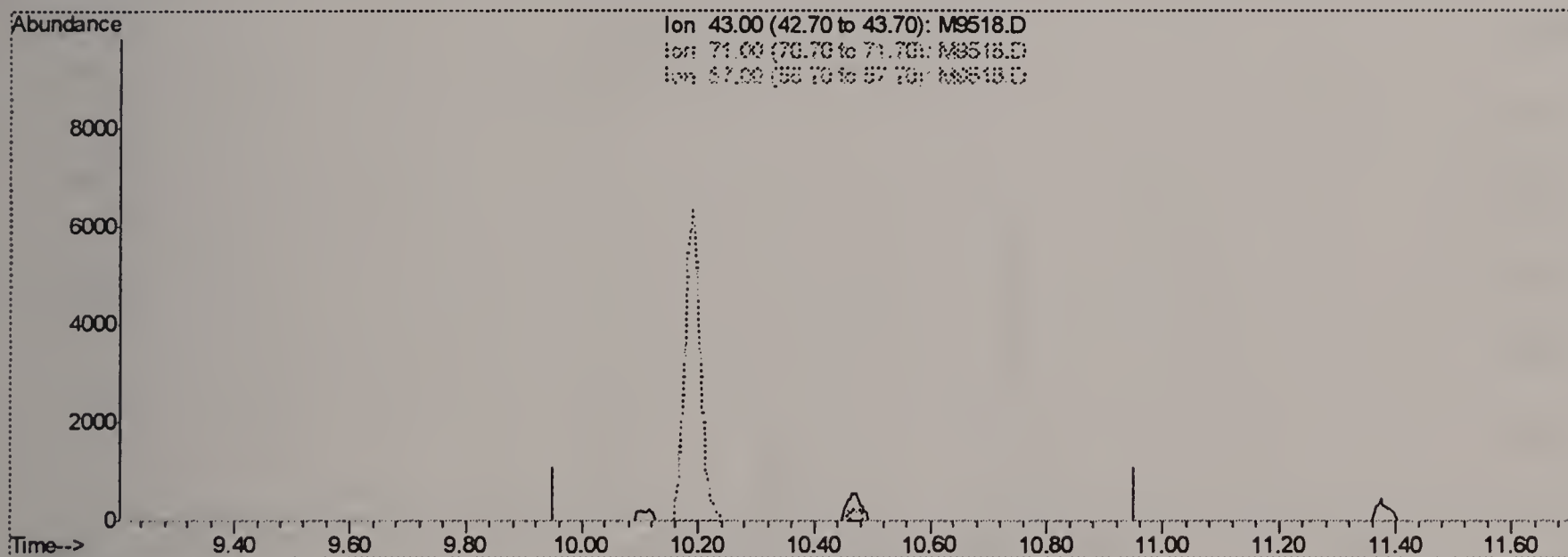
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)

Title : SW-846 Method 8260

Last Update : Fri May 05 12:15:44 2006

Response via : Multiple Level Calibration



(51) heptane (M)

10.47min 0.00ug/L

response 0

Ion	Exp%	Act%
43.00	100	0.00
71.00	55.20	0.00#
57.00	54.20	0.00#
0.00	0.00	0.00

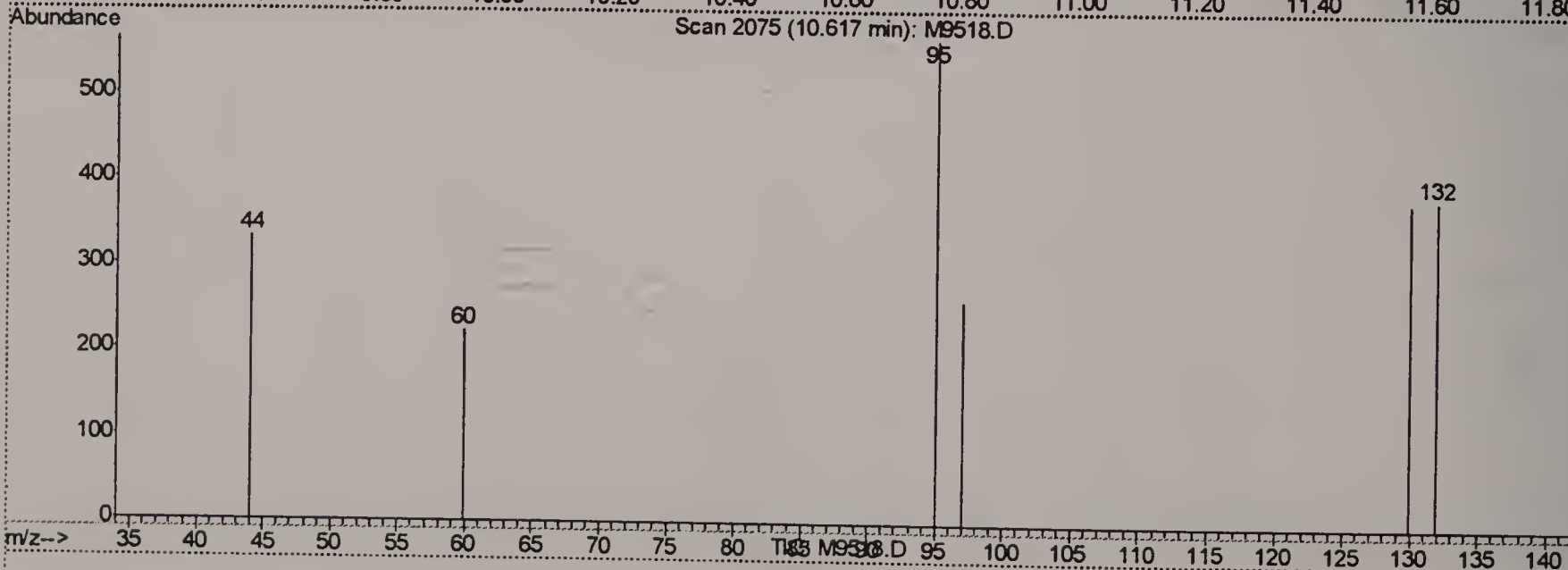
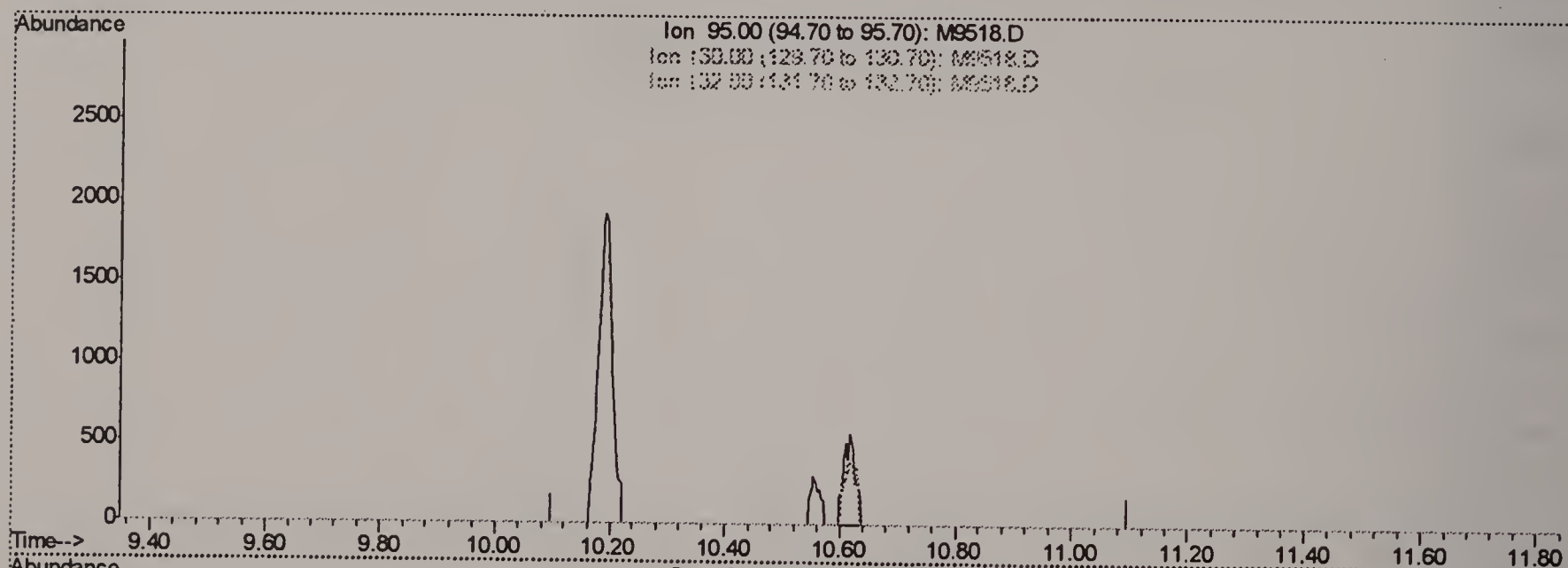
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : msl1317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(52) trichloroethene (M)

10.62min 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
130.00	81.40	0.00#
132.00	76.70	0.00#
0.00	0.00	0.00

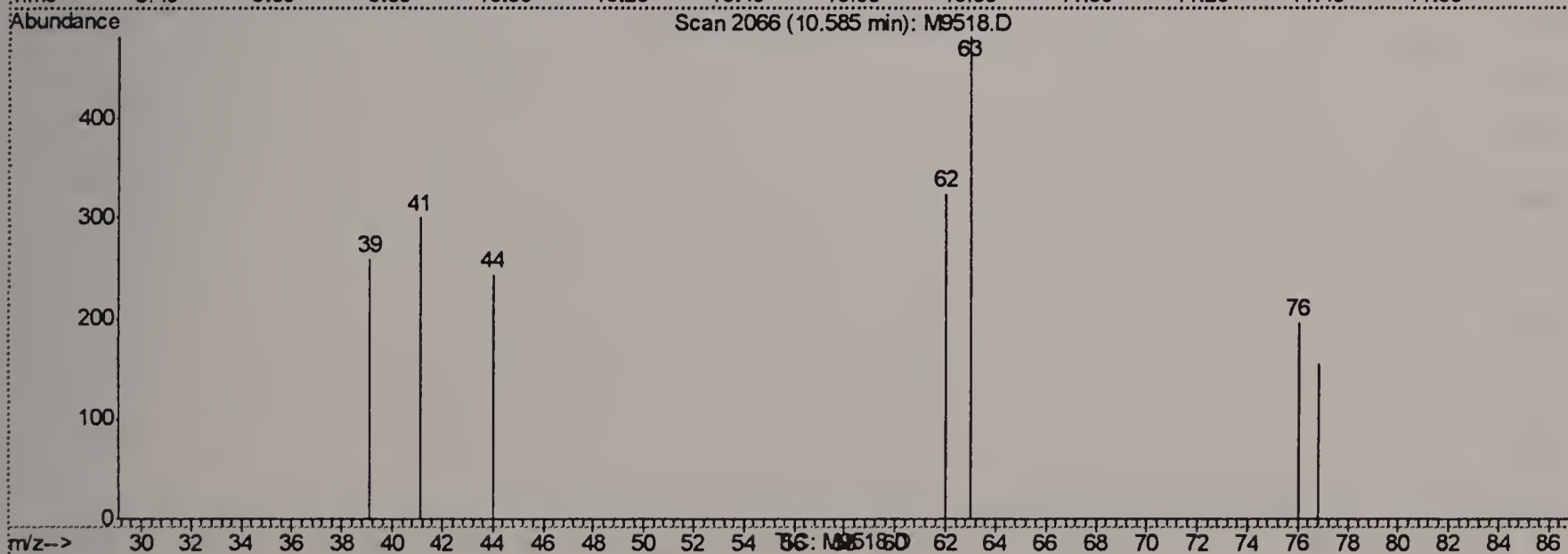
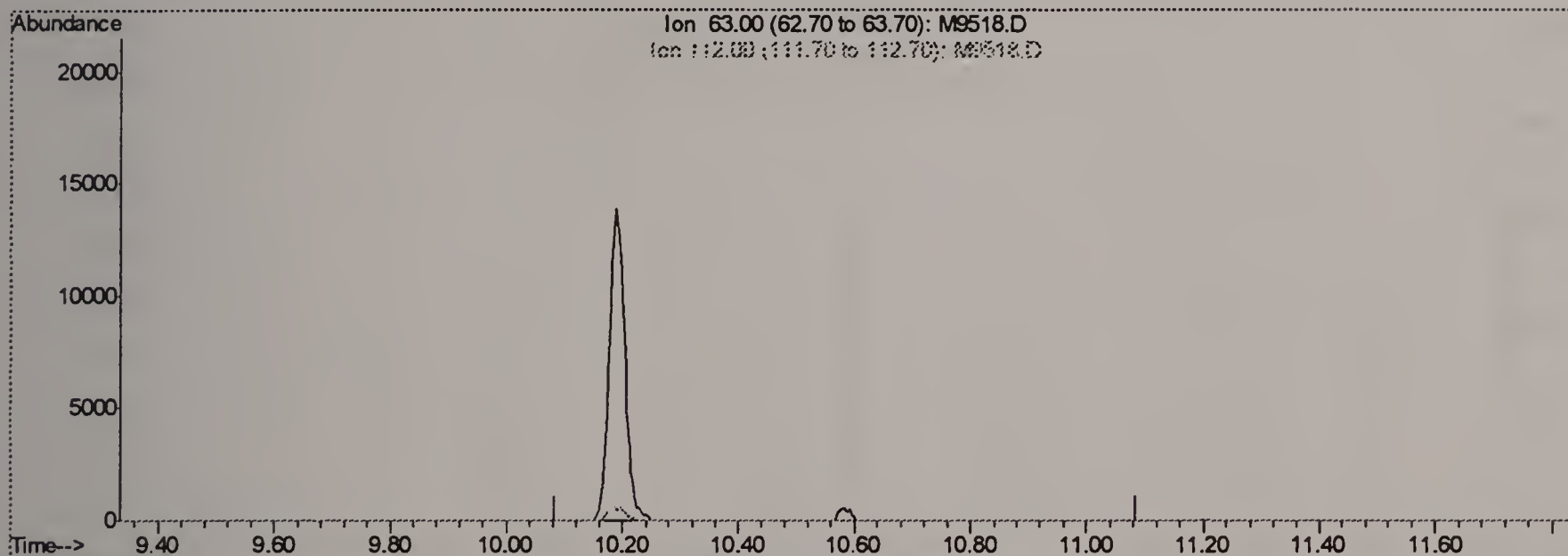
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(53) 1,2-dichloropropane (c)

10.58min 0.00ug/L

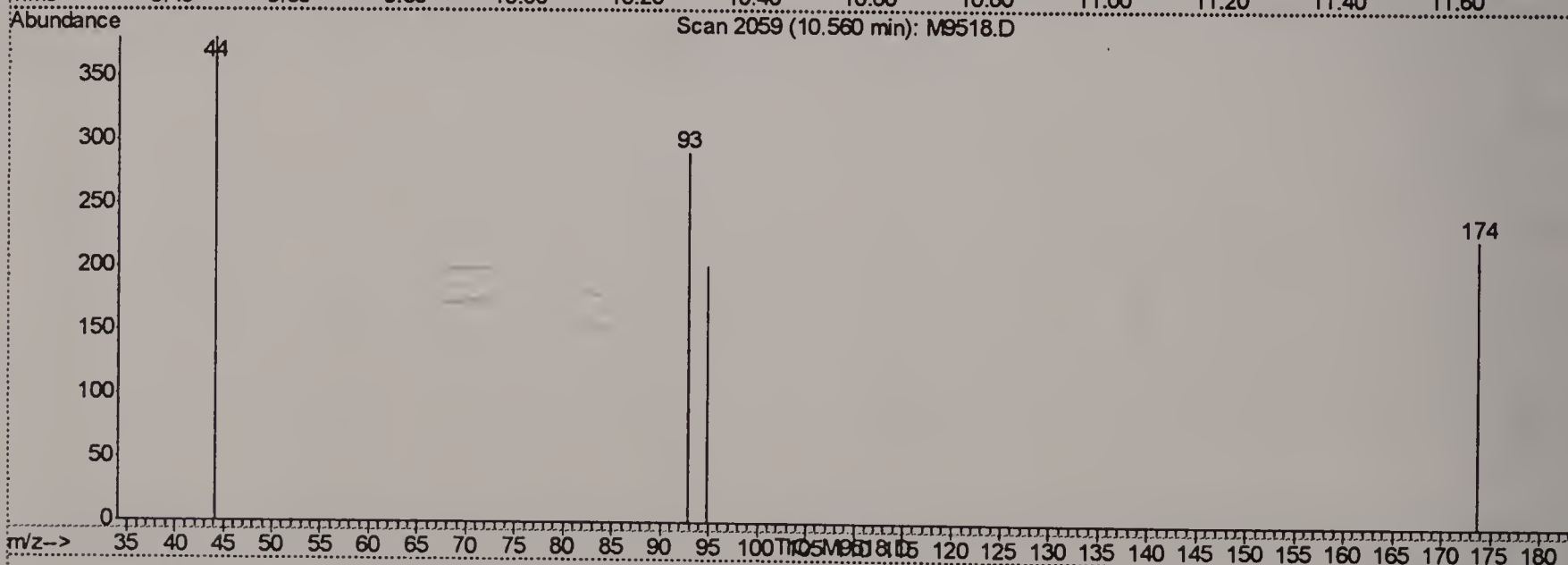
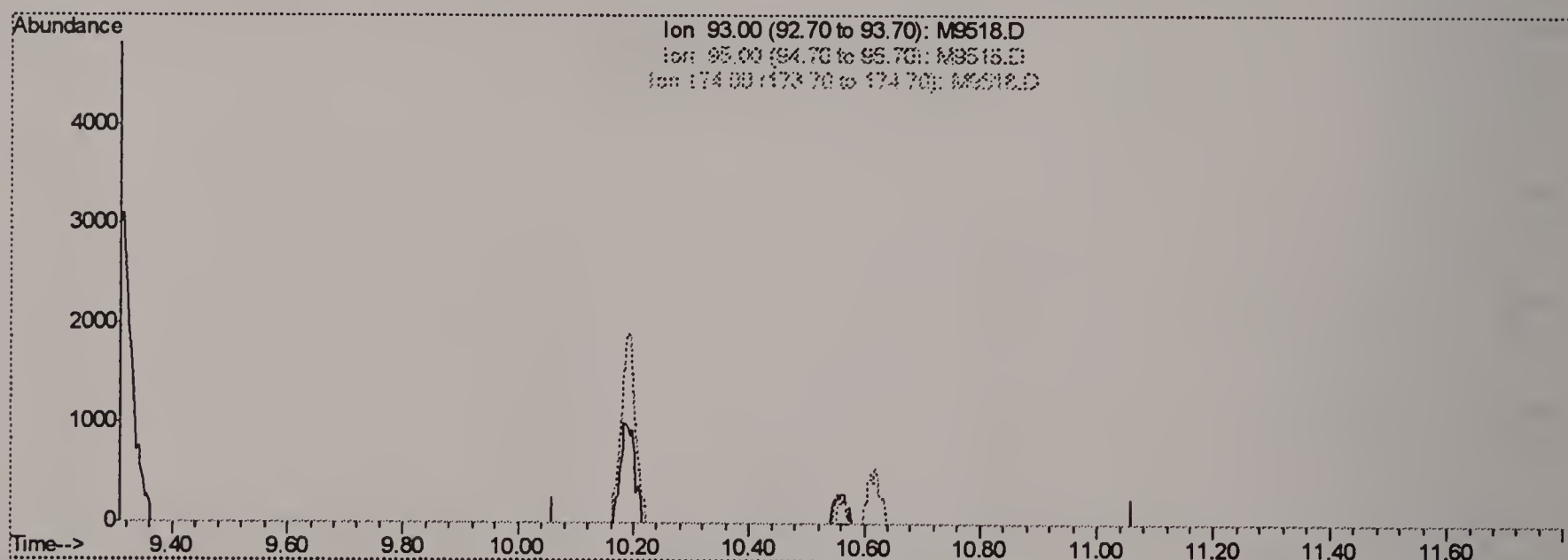
response 0

Ion	Exp%	Act%
63.00	100	0.00
112.00	3.40	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D Vial: 4
 Acq On : 5 May 2006 9:18 am Operator: sandrac
 Sample : IC310-1,1 PPB STD Inst : MSM
 Misc : ms11317,msm310,10,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(54) dibromomethane (M)

10.56min 0.00ug/L

response 0

Ion	Exp%	Act%
93.00	100	0.00
95.00	82.80	0.00#
174.00	77.00	0.00#
0.00	0.00	0.00

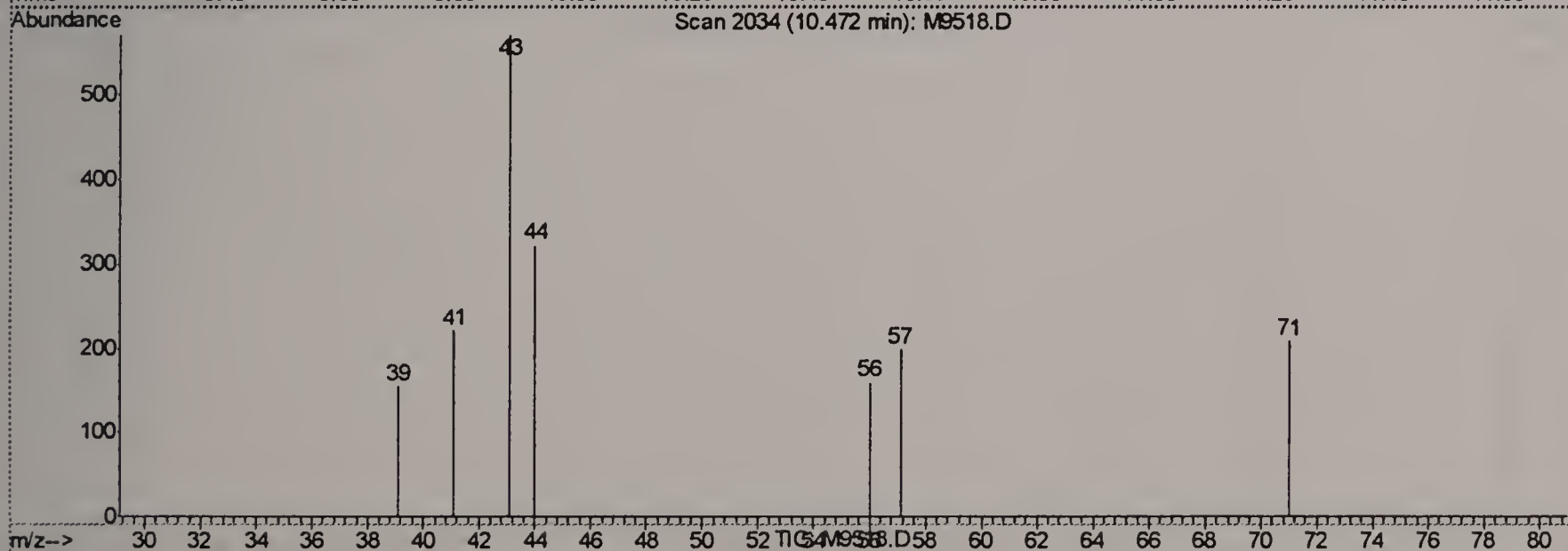
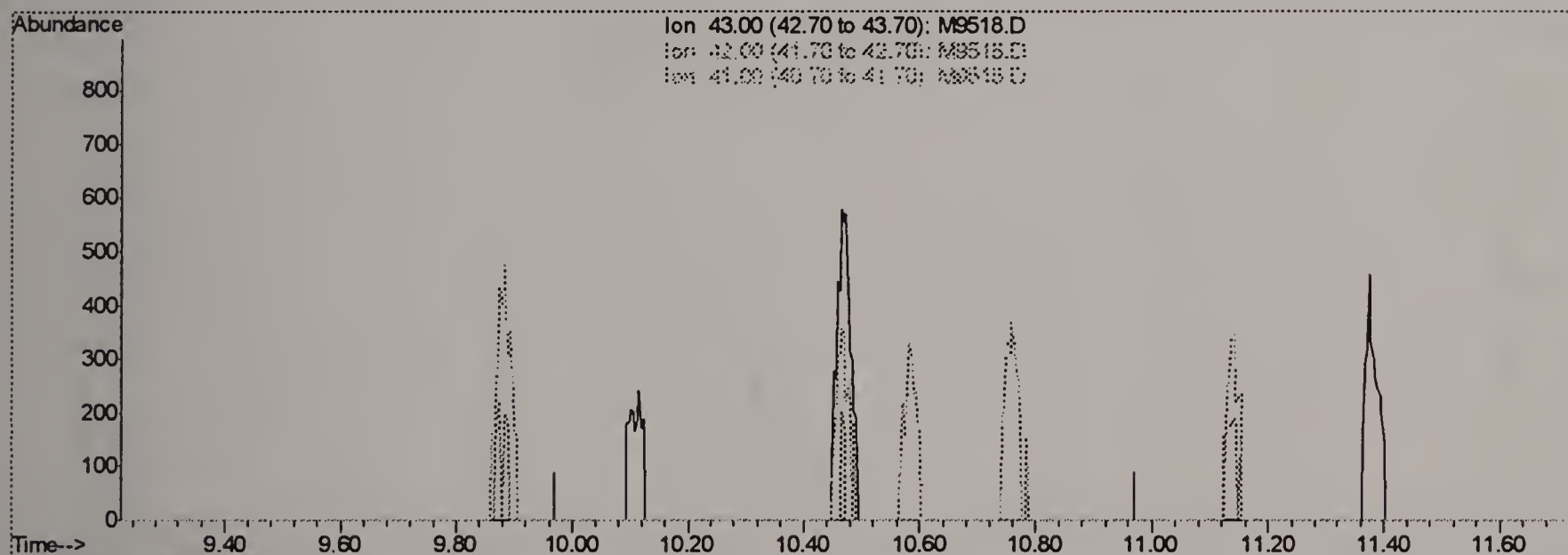
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 5 12:22 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Multiple Level Calibration



(55) 2-Nitropropane (M)

10.47min 0.00ug/L

response 0

Ion	Exp%	Act%
43.00	100	0.00
42.00	22.40	0.00#
41.00	54.20	0.00#
0.00	0.00	0.00

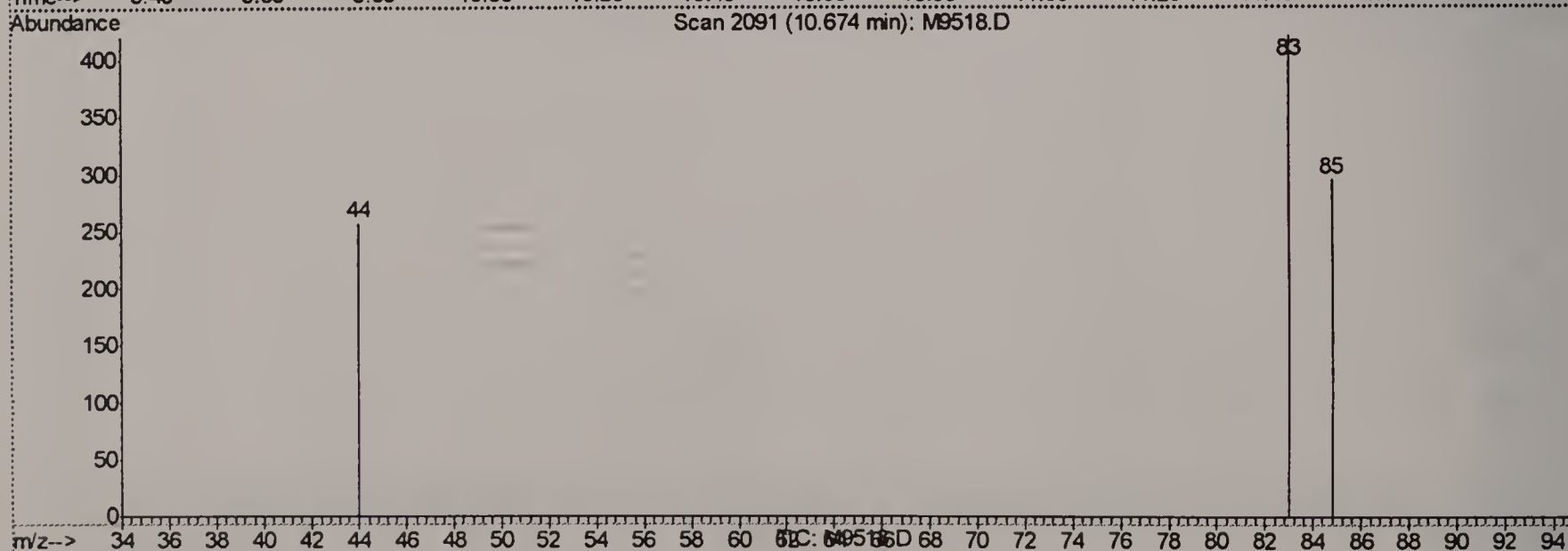
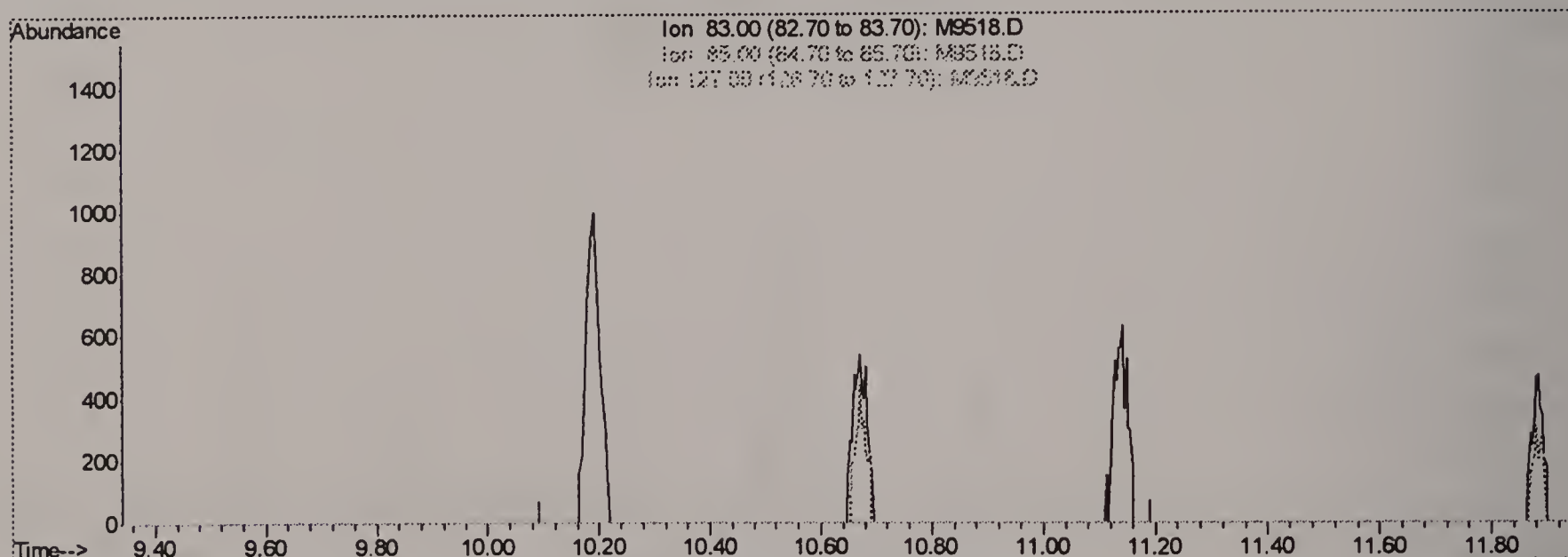
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 5 12:22 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Multiple Level Calibration



(56) bromodichloromethane (M)

10.67min 0.00ug/L

response 0

Ion	Exp%	Act%
83.00	100	0.00
85.00	64.00	0.00#
127.00	7.10	0.00
0.00	0.00	0.00

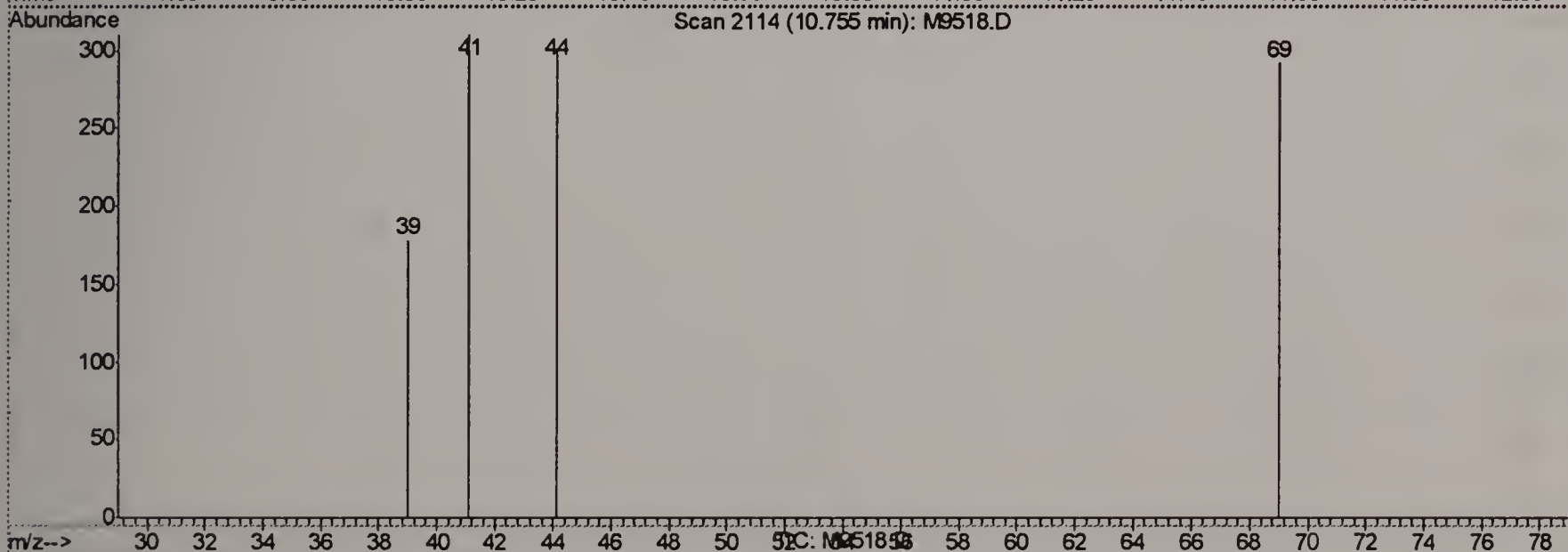
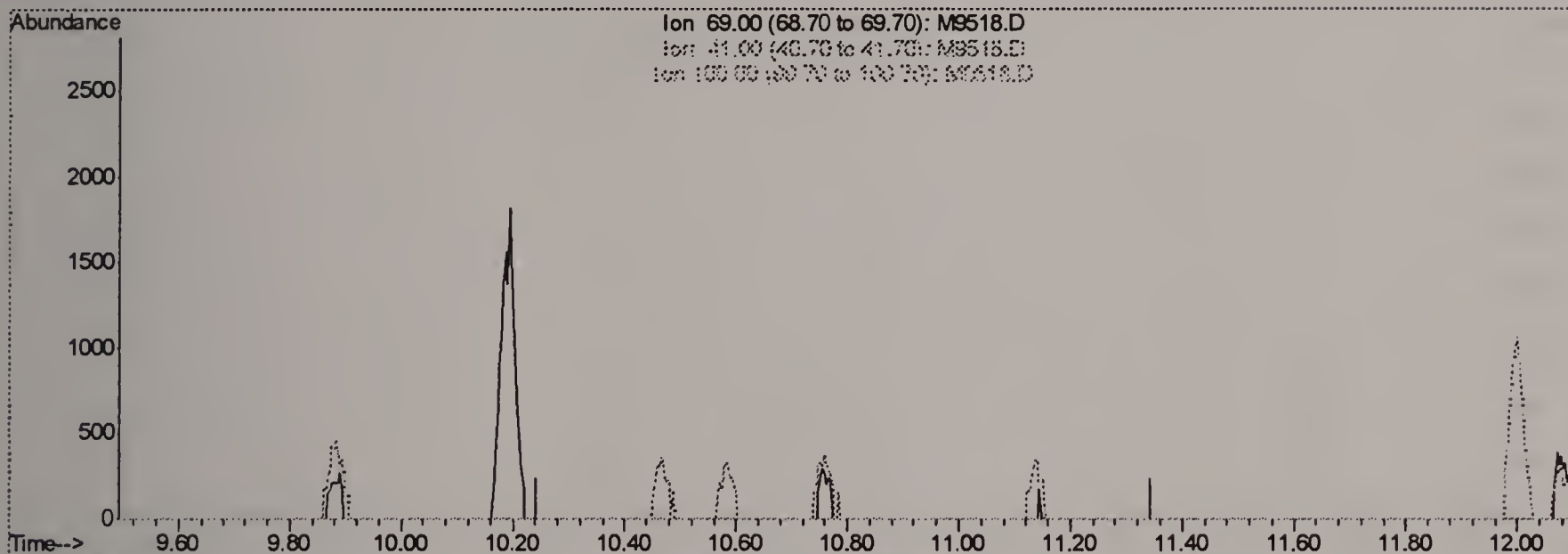
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(59) methyl methacrylate (M)

10.75min 0.00ug/L

response 0

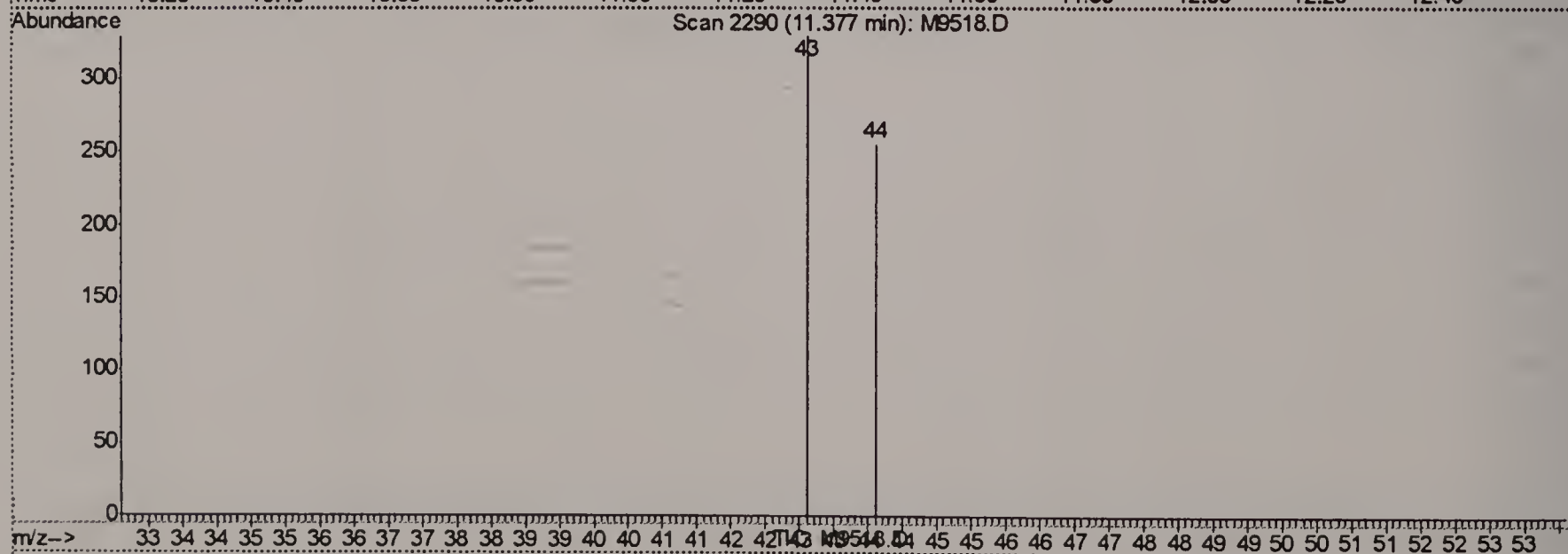
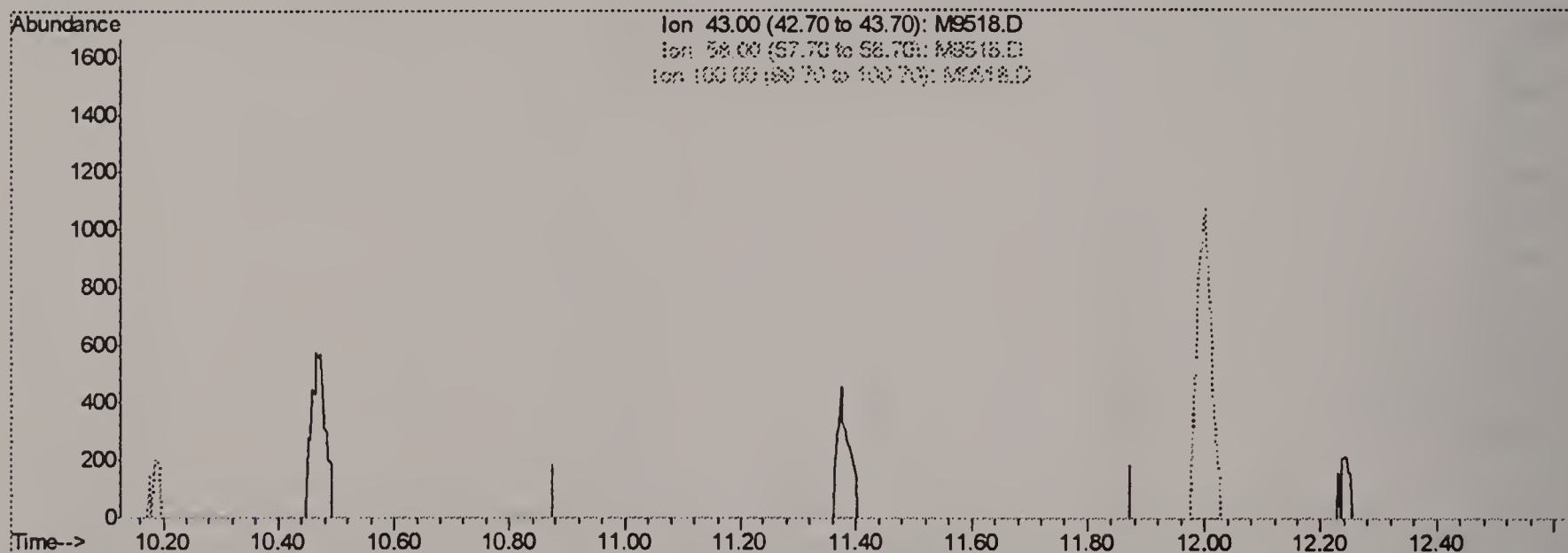
Ion	Exp%	Act%
69.00	100	0.00
41.00	126.80	0.00#
100.00	37.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(63) 4-methyl-2-pentanone (M)

11.38min 0.00ug/L

response 0

Ion	Exp%	Act%
43.00	100	0.00
58.00	41.80	0.00#
100.00	12.50	0.00
0.00	0.00	0.00

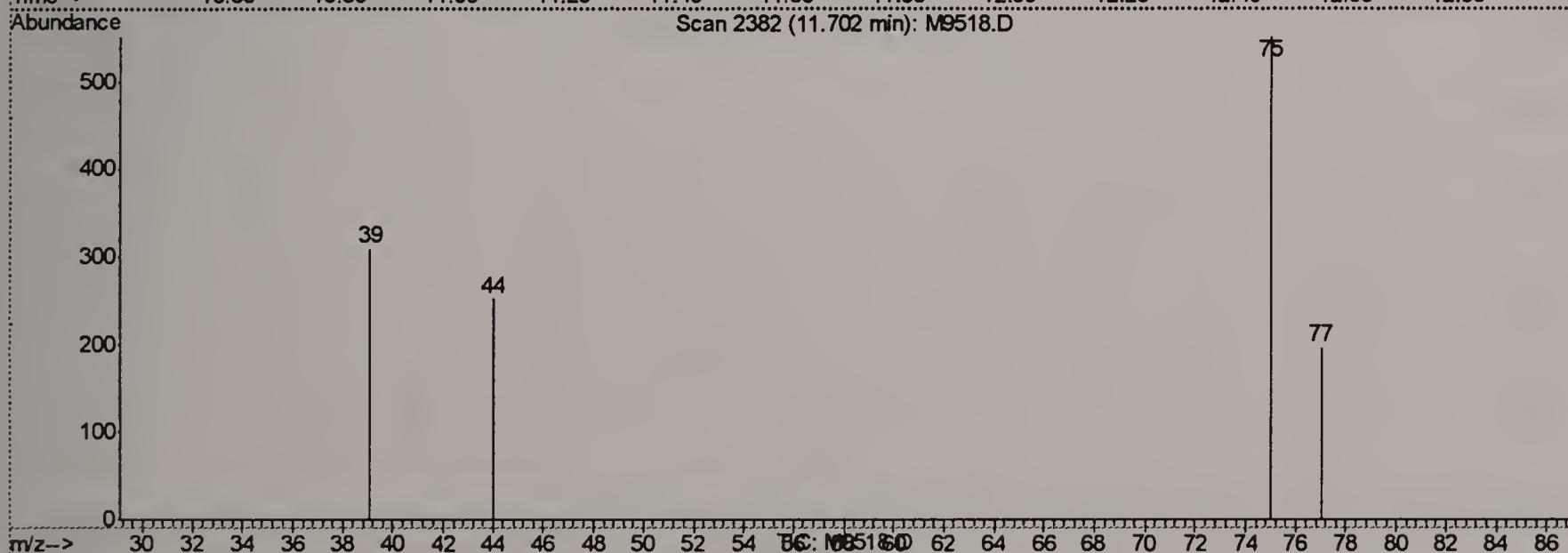
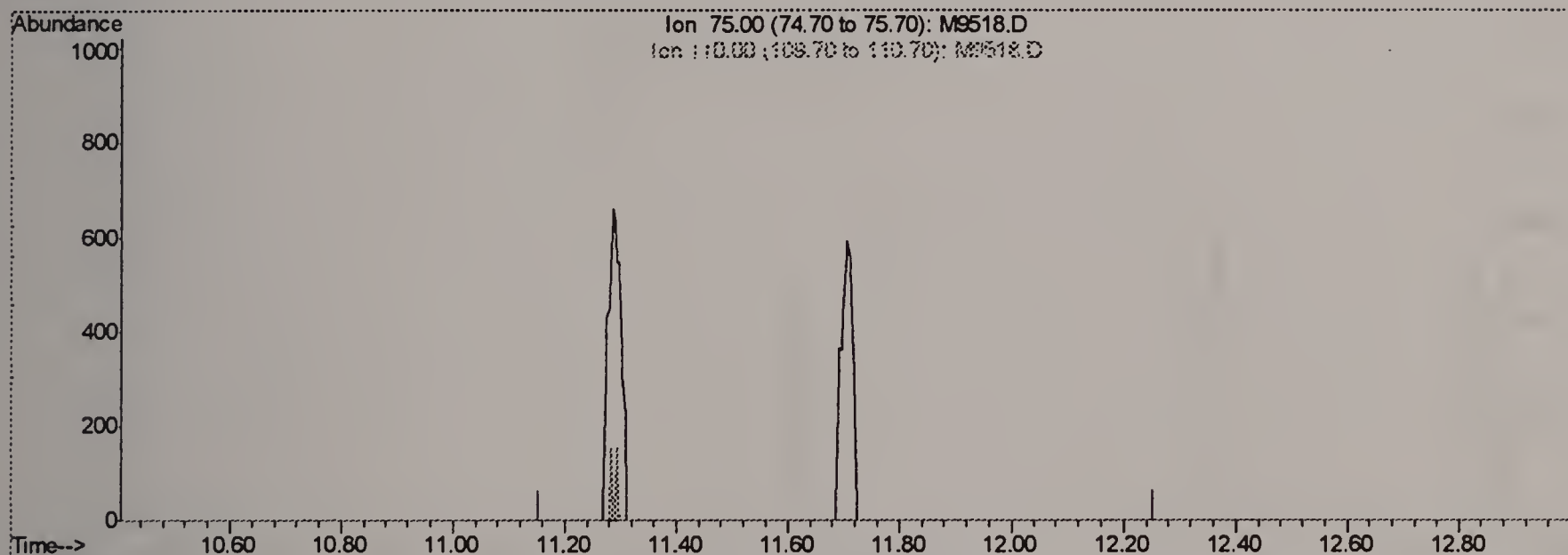
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(65) trans-1,3-dichloropropene (M)

11.70min 0.00ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
110.00	22.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

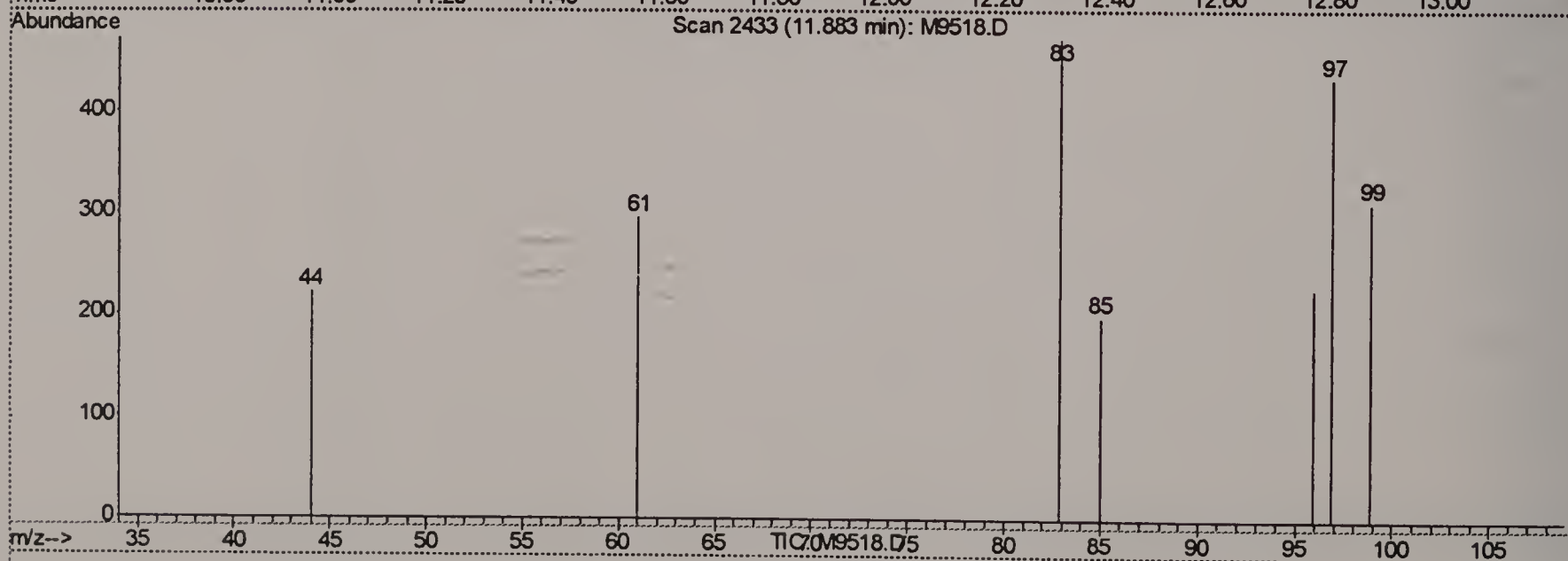
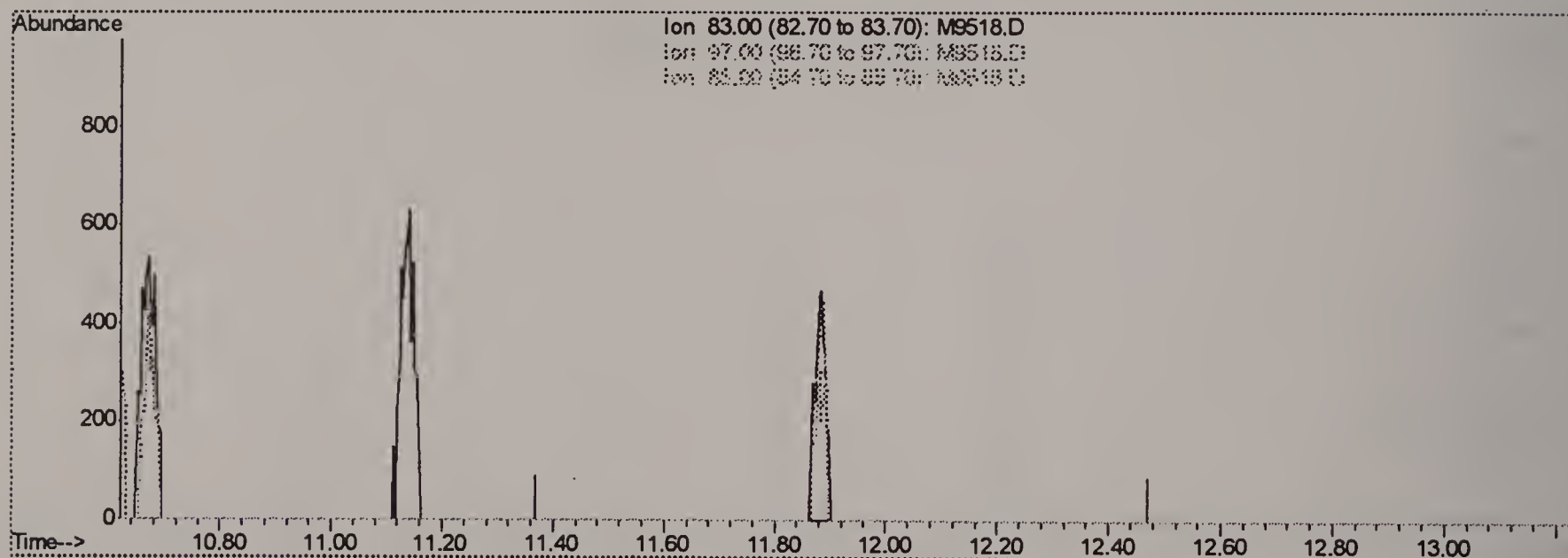
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 5 12:22 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Multiple Level Calibration



(66) 1,1,2-trichloroethane (M)

11.88min 0.00ug/L

response 0

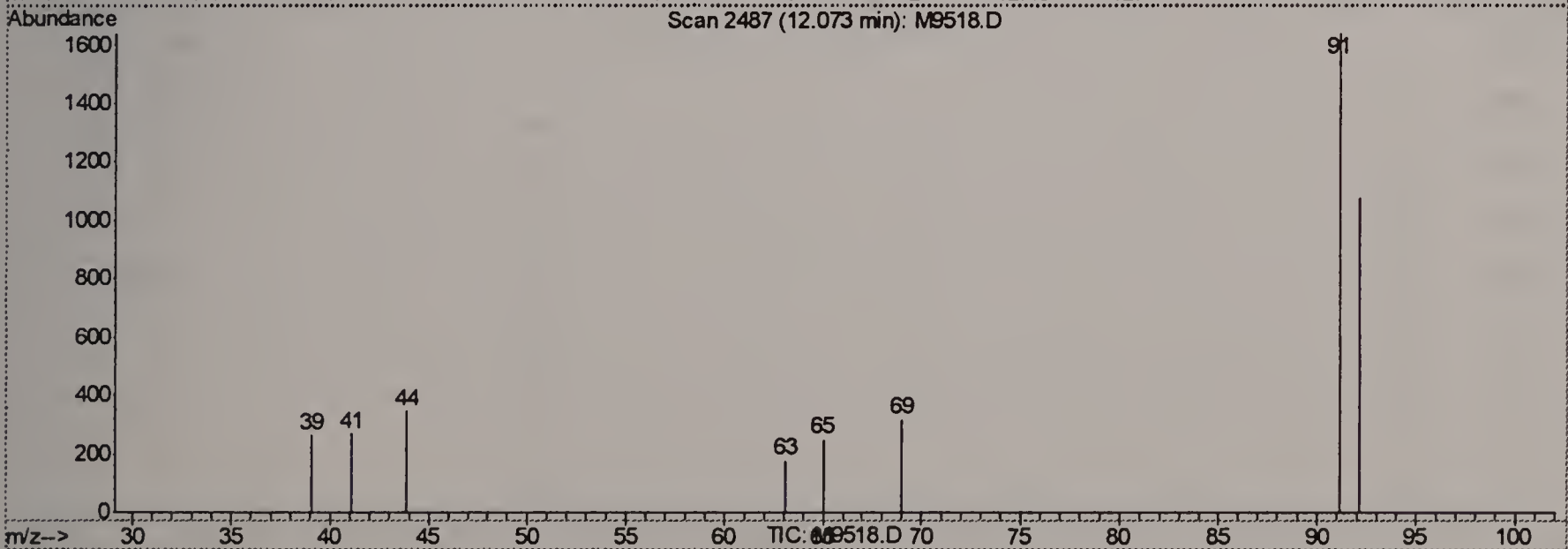
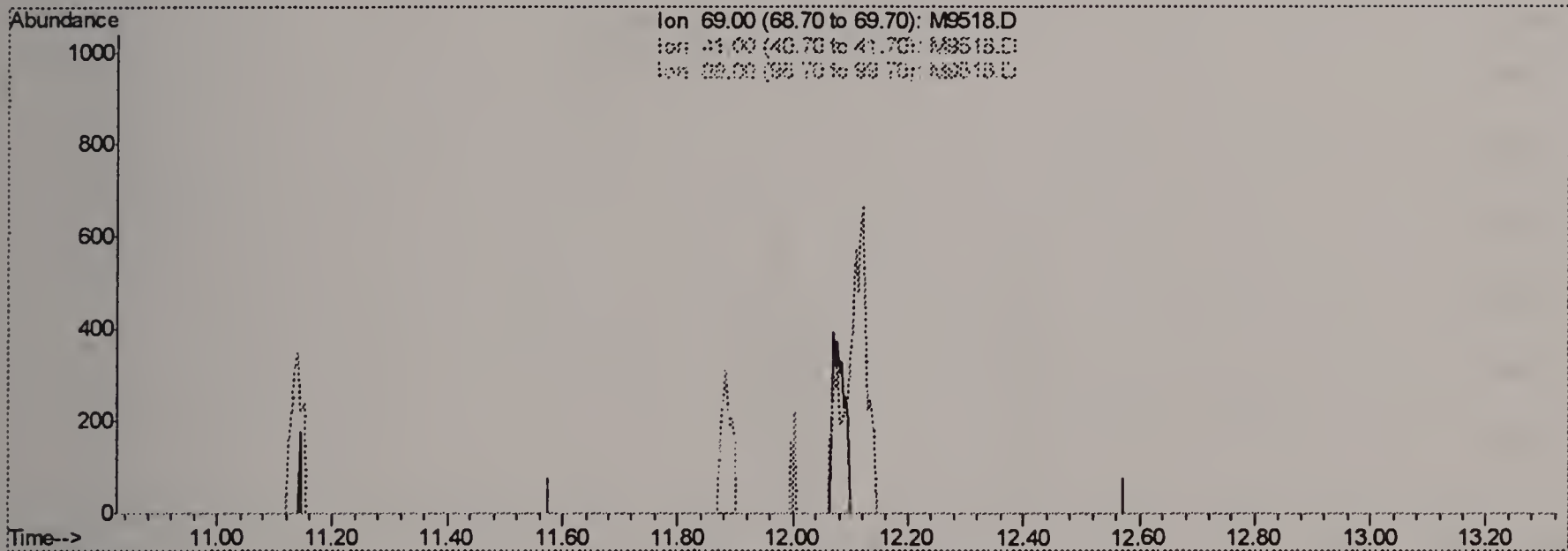
Ion	Exp%	Act%
83.00	100	0.00
97.00	112.70	0.00#
85.00	64.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:22 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(67) ethyl methacrylate (M)

12.07min 0.00ug/L

response 0

Ion	Exp%	Act%
69.00	100	0.00
41.00	74.90	0.00#
99.00	18.90	0.00
0.00	0.00	0.00

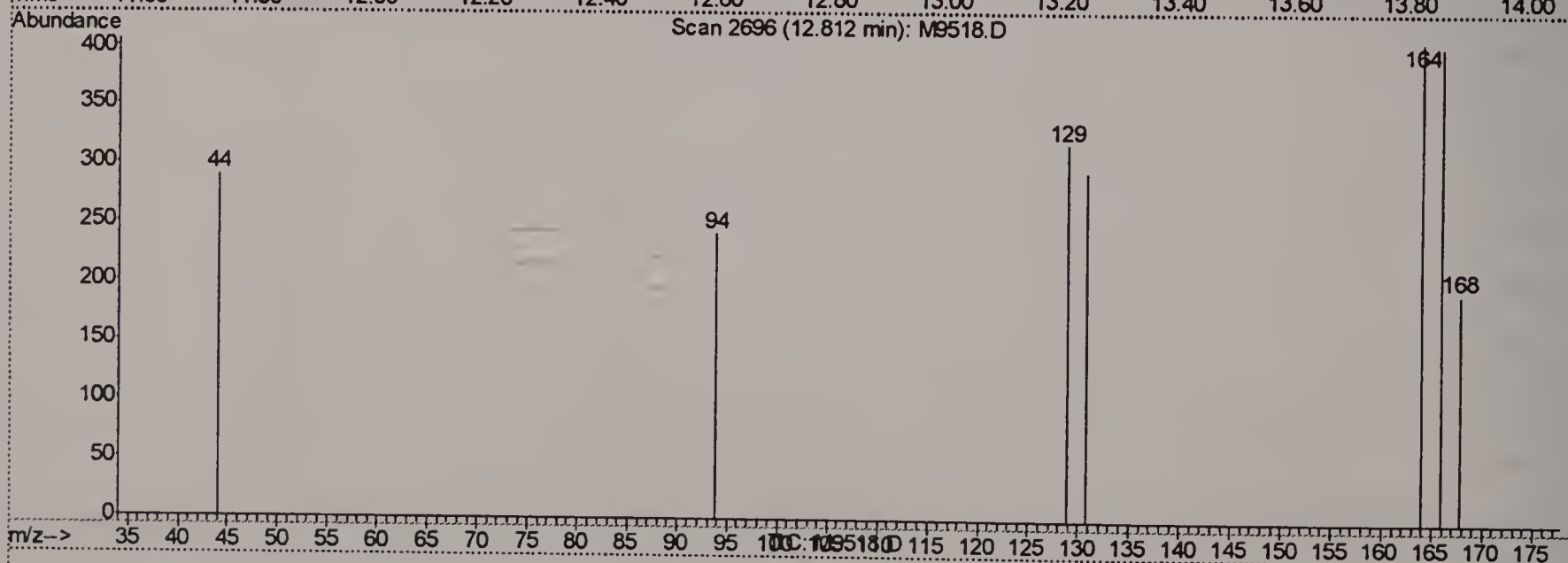
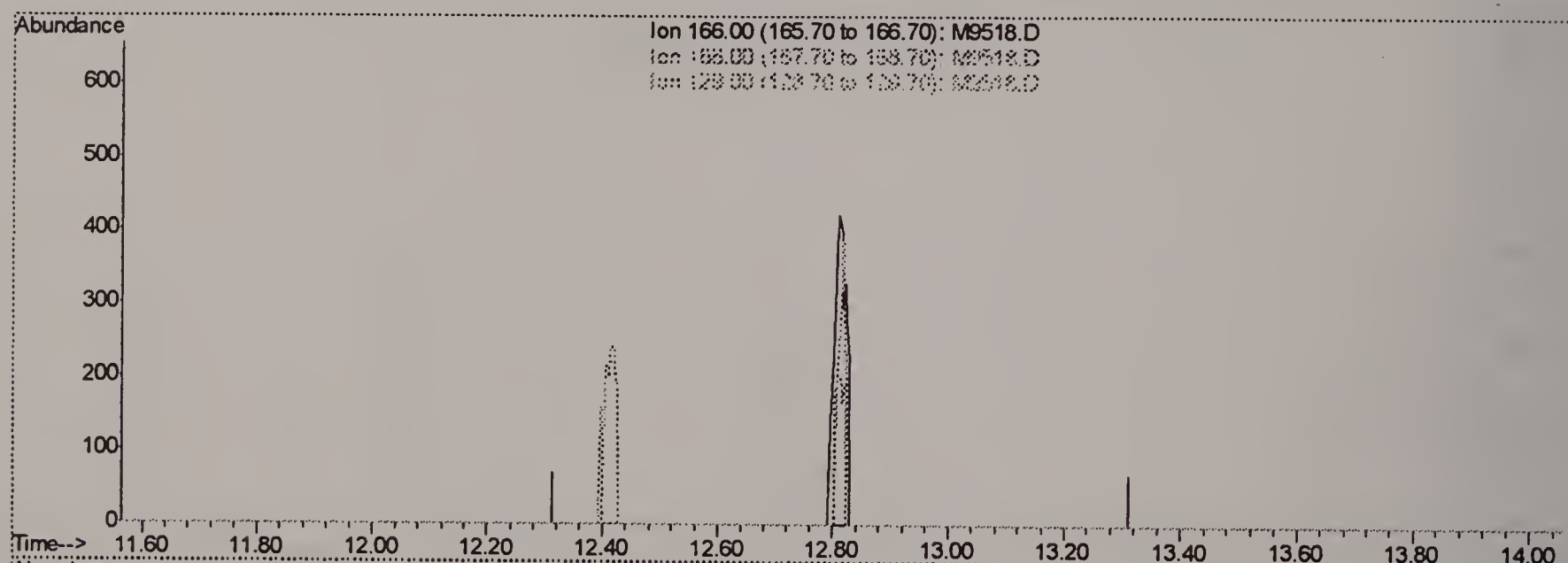
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 5 12:22 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Multiple Level Calibration



(69) tetrachloroethene (M)

12.81min 0.00ug/L

response 0

Ion	Exp%	Act%
166.00	100	0.00
168.00	47.80	0.00#
129.00	77.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D

Vial: 4

Acq On : 5 May 2006 9:18 am

Operator: sandrac

Sample : IC310-1,1 PPB STD

Inst : MSM

Misc : ms11317,msm310,10,,100,10,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: May 5 12:23 2006

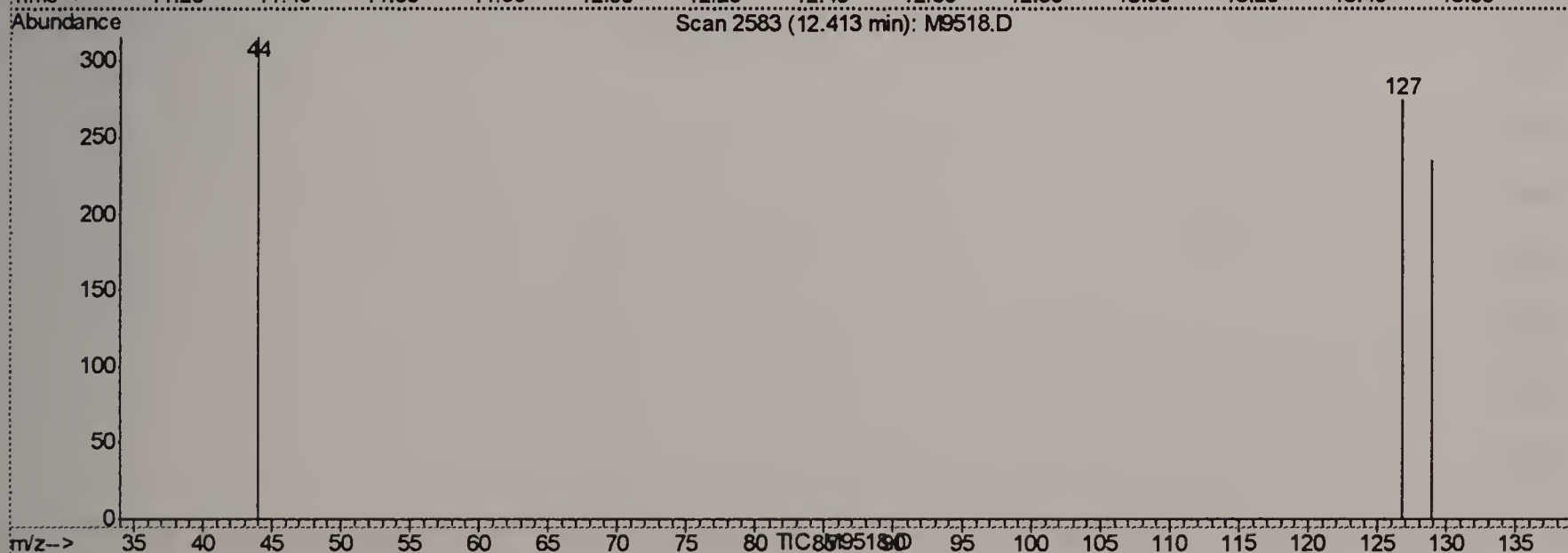
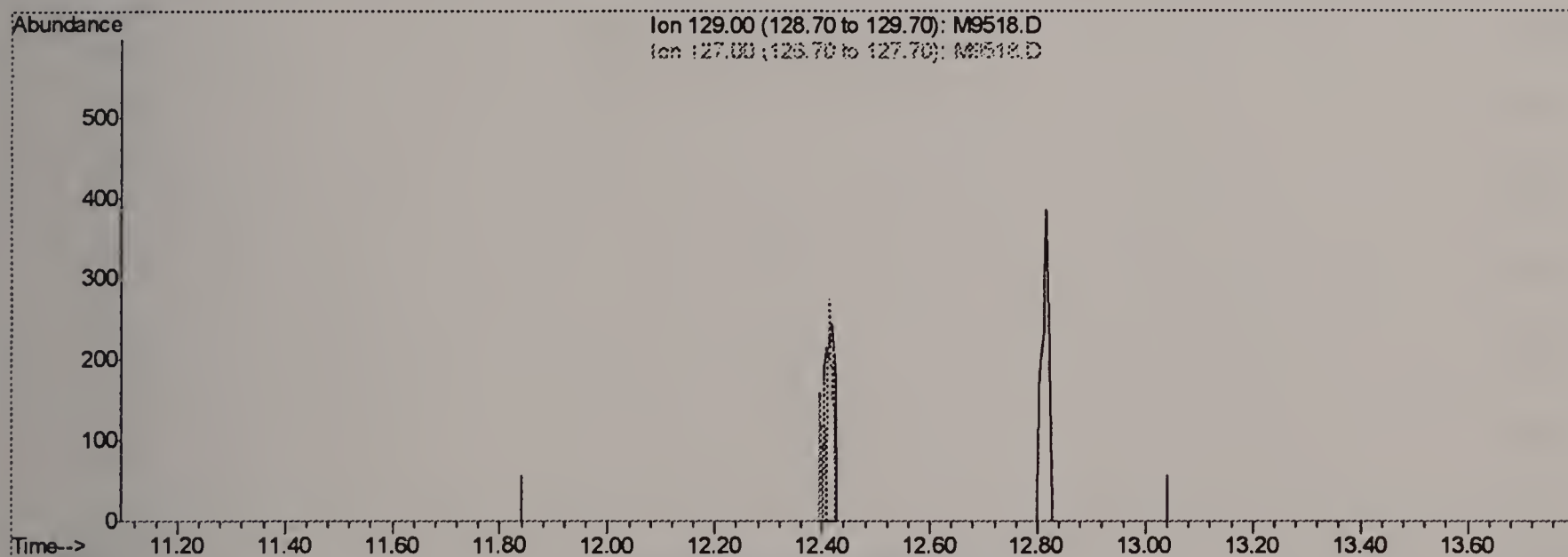
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)

Title : SW-846 Method 8260

Last Update : Fri May 05 12:15:44 2006

Response via : Multiple Level Calibration



(71) dibromochloromethane (M)

12.41min 0.00ug/L

response 0

Ion	Exp%	Act%
129.00	100	0.00
127.00	77.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

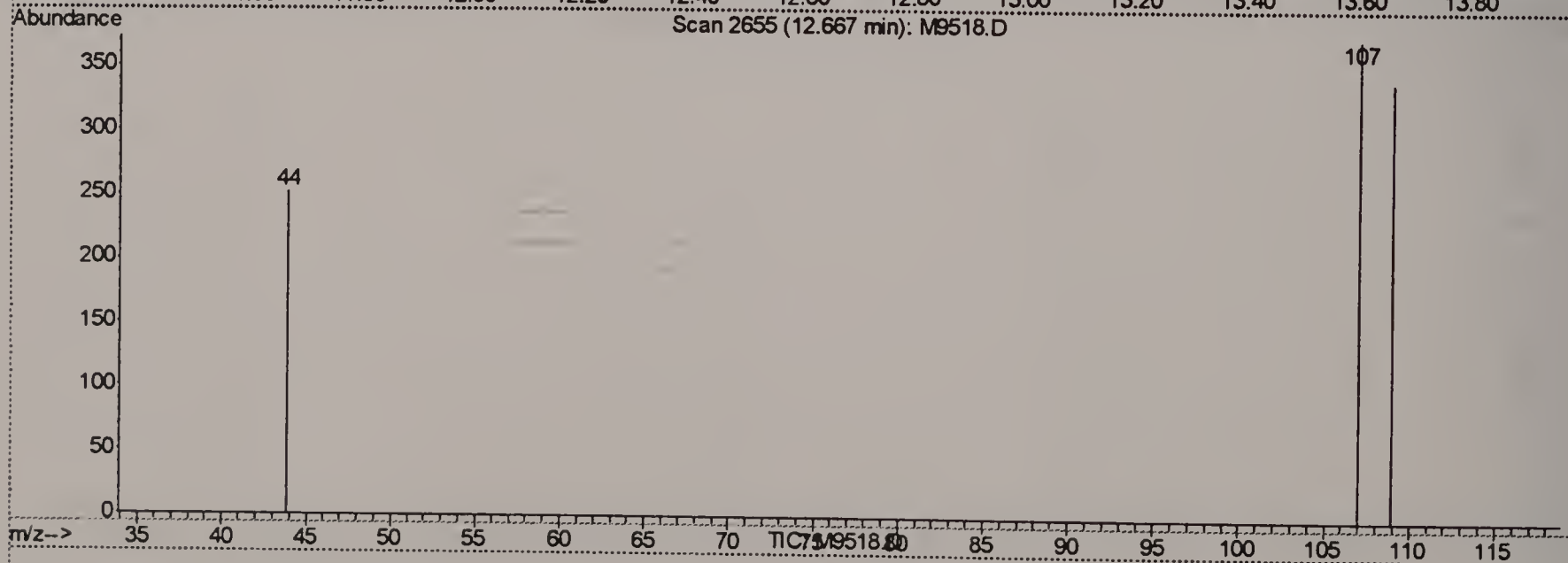
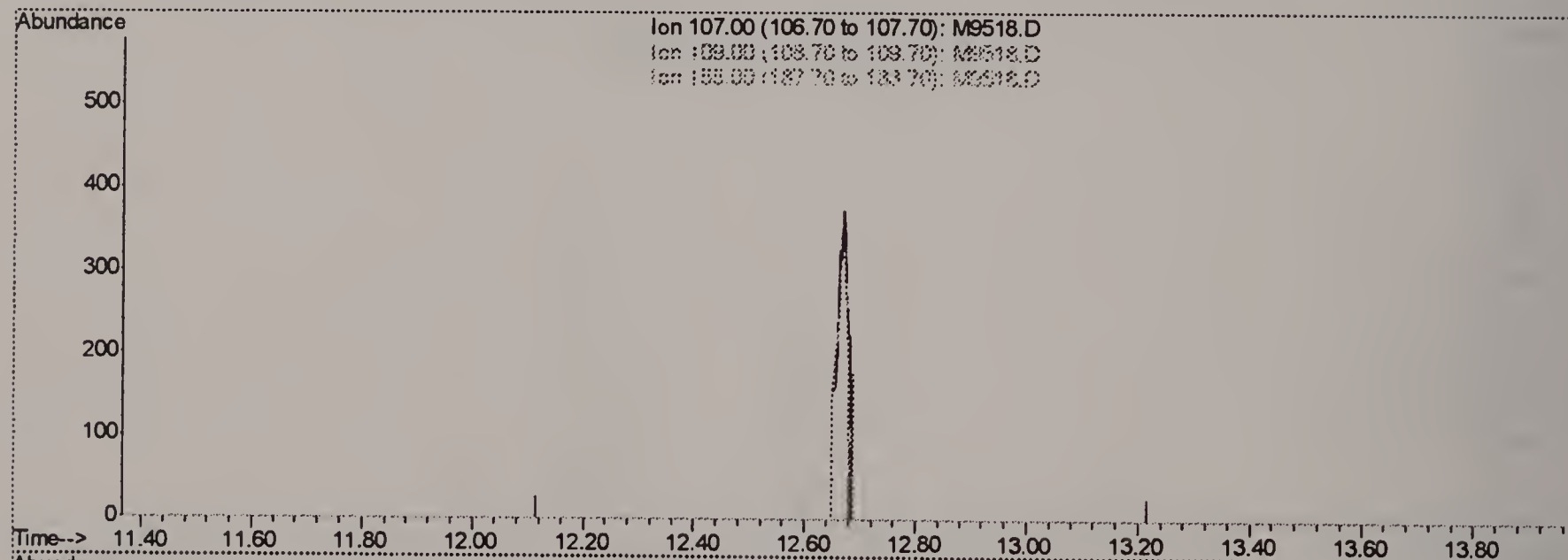
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 5 12:23 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Multiple Level Calibration



(72) 1,2-dibromoethane (M)

12.67min 0.00ug/L

response 0

Ion	Exp%	Act%
107.00	100	0.00
109.00	93.70	0.00#
188.00	2.50	0.00
0.00	0.00	0.00

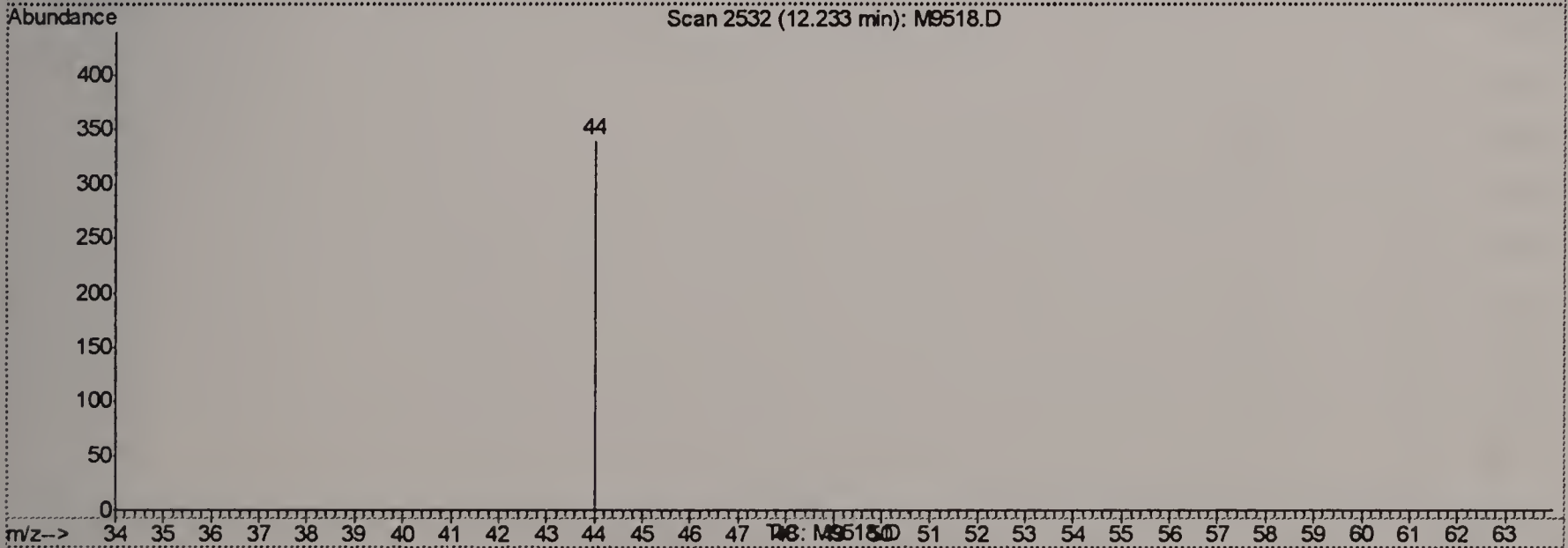
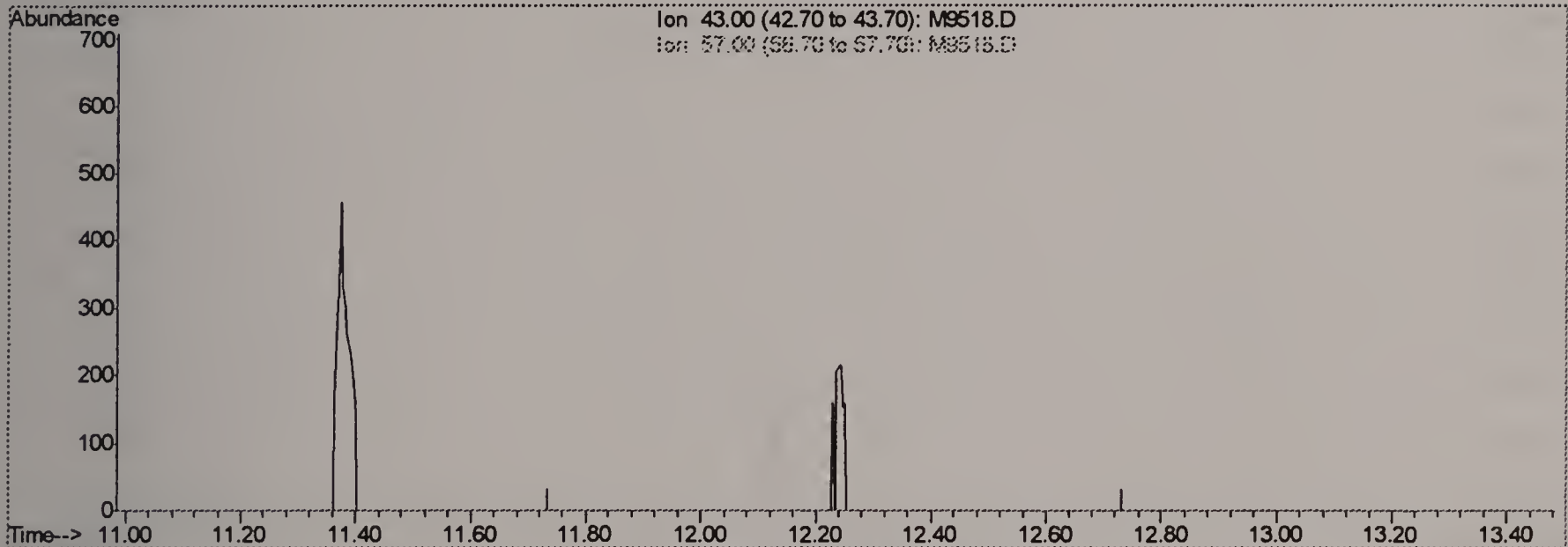
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:23 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(73) 2-hexanone (M)

12.23min 0.00ug/L

response 0

Ion	Exp%	Act%
43.00	100	0.00
57.00	18.70	0.00
0.00	0.00	0.00
0.00	0.00	0.00

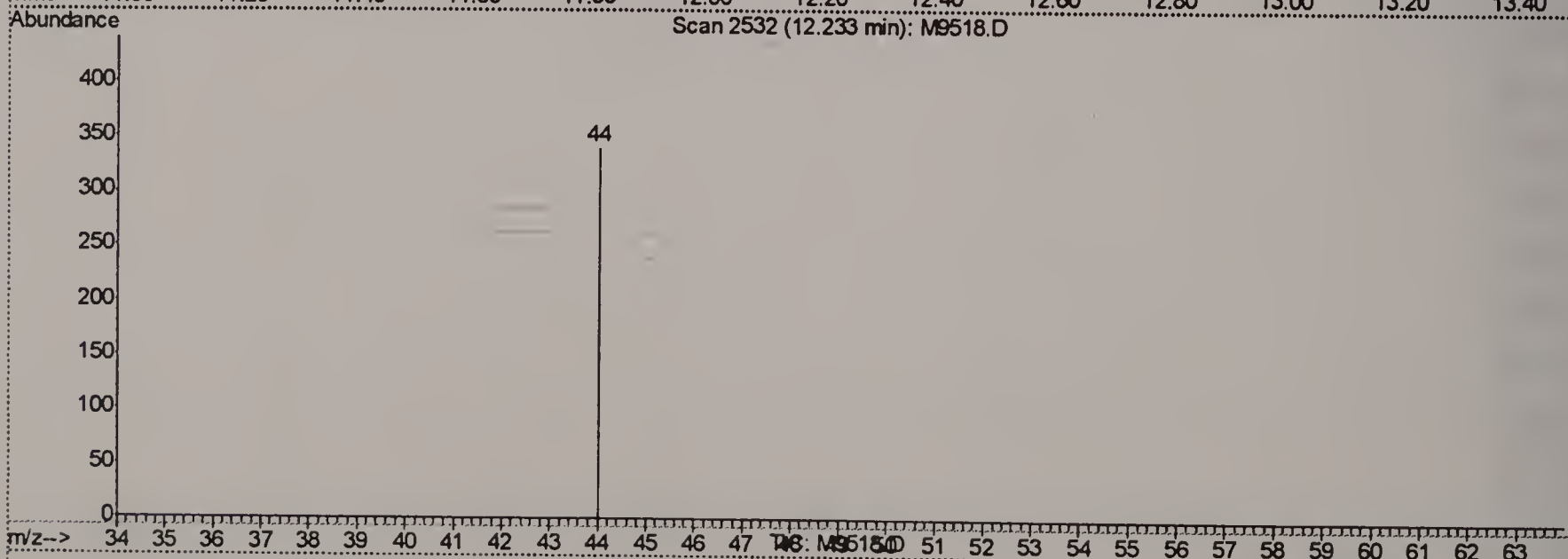
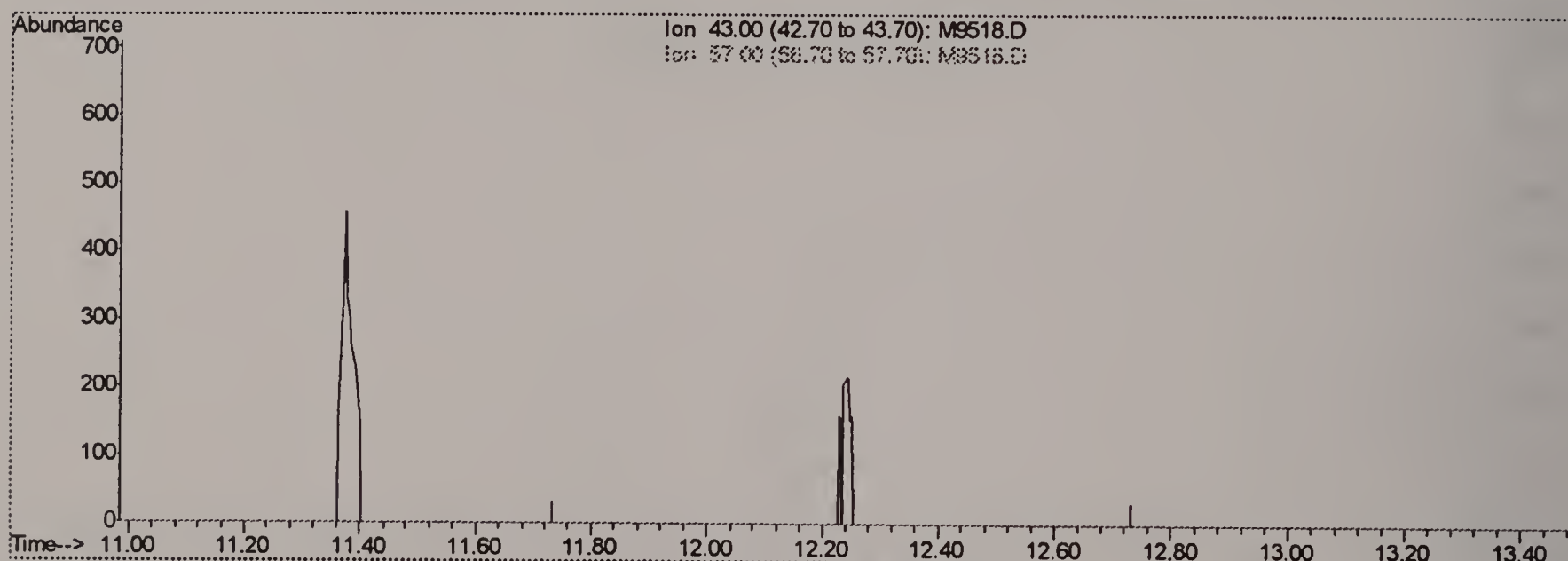
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:23 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(73) 2-hexanone (M)

12.23min 0.00ug/L

response 0

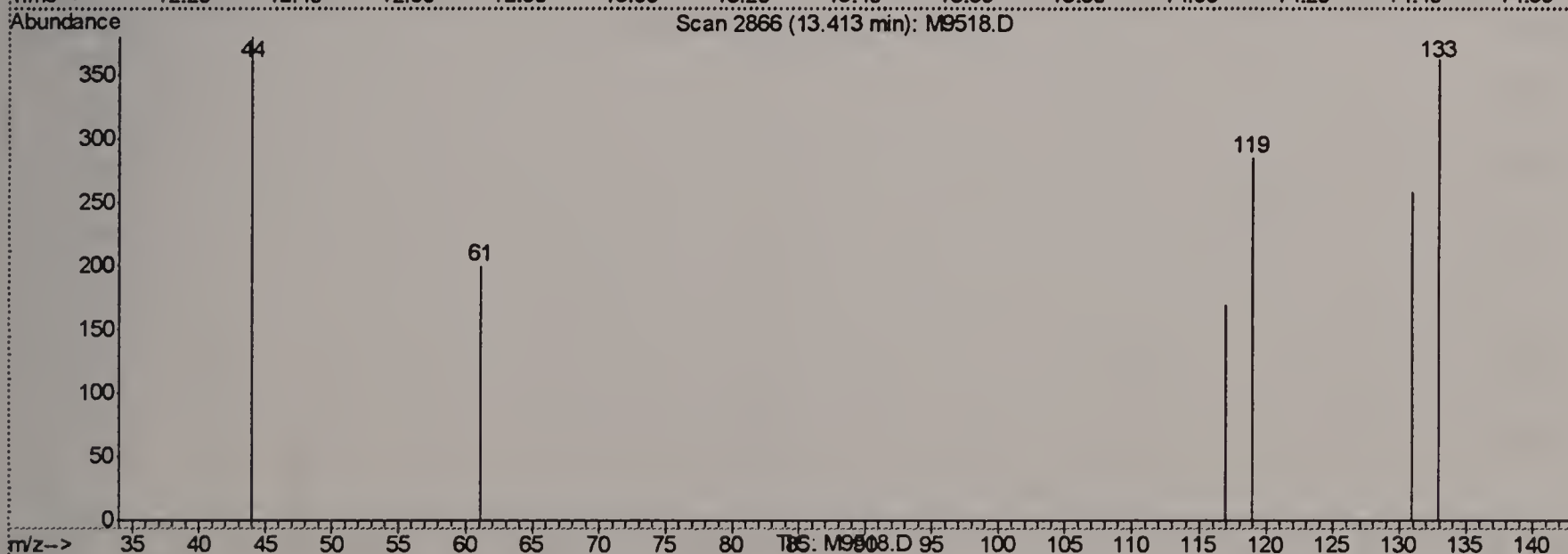
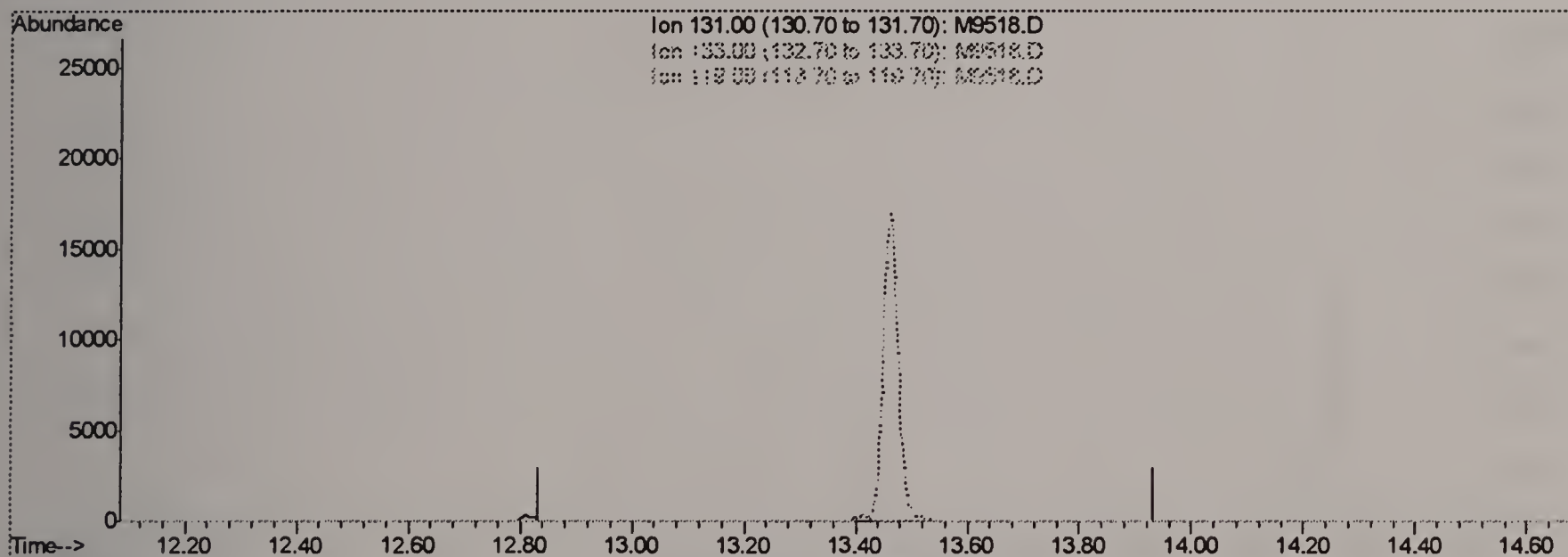
Ion	Exp%	Act%
43.00	100	0.00
57.00	18.70	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:23 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(75) 1,1,1,2-tetrachloroethane (M)

13.41min 0.00ug/L

response 0

Ion	Exp%	Act%
131.00	100	0.00
133.00	98.40	0.00#
119.00	67.10	0.00#
0.00	0.00	0.00

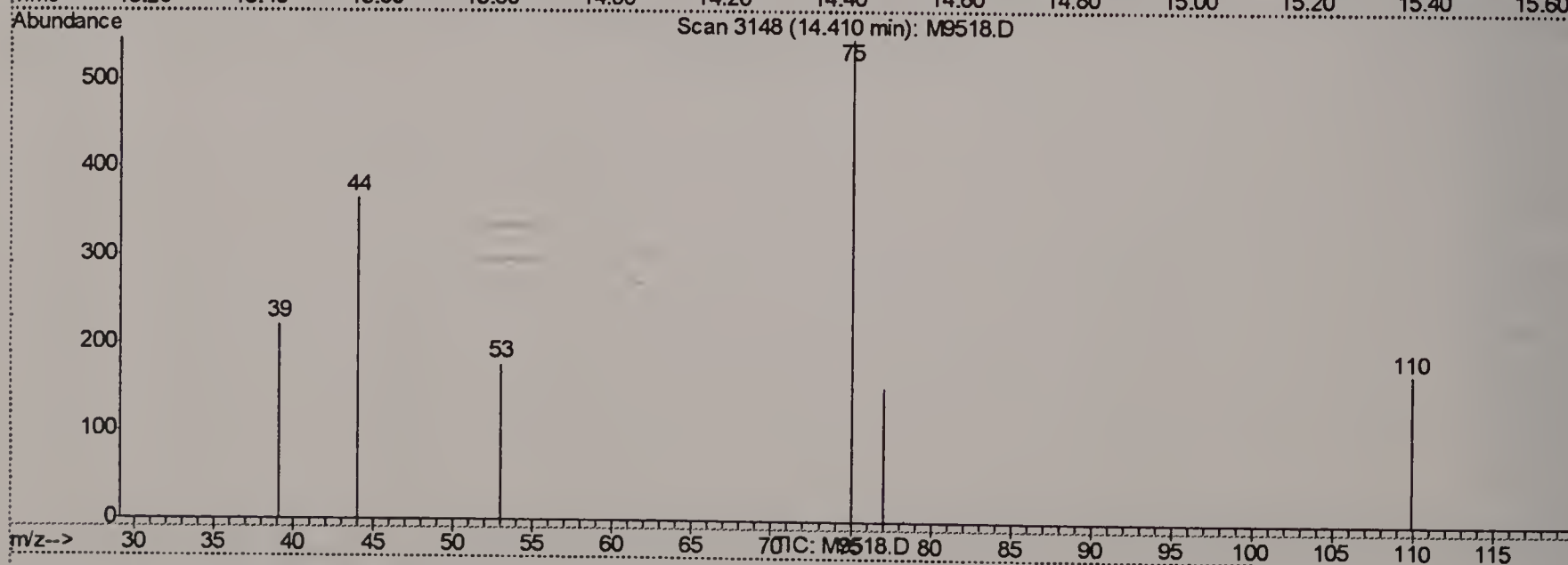
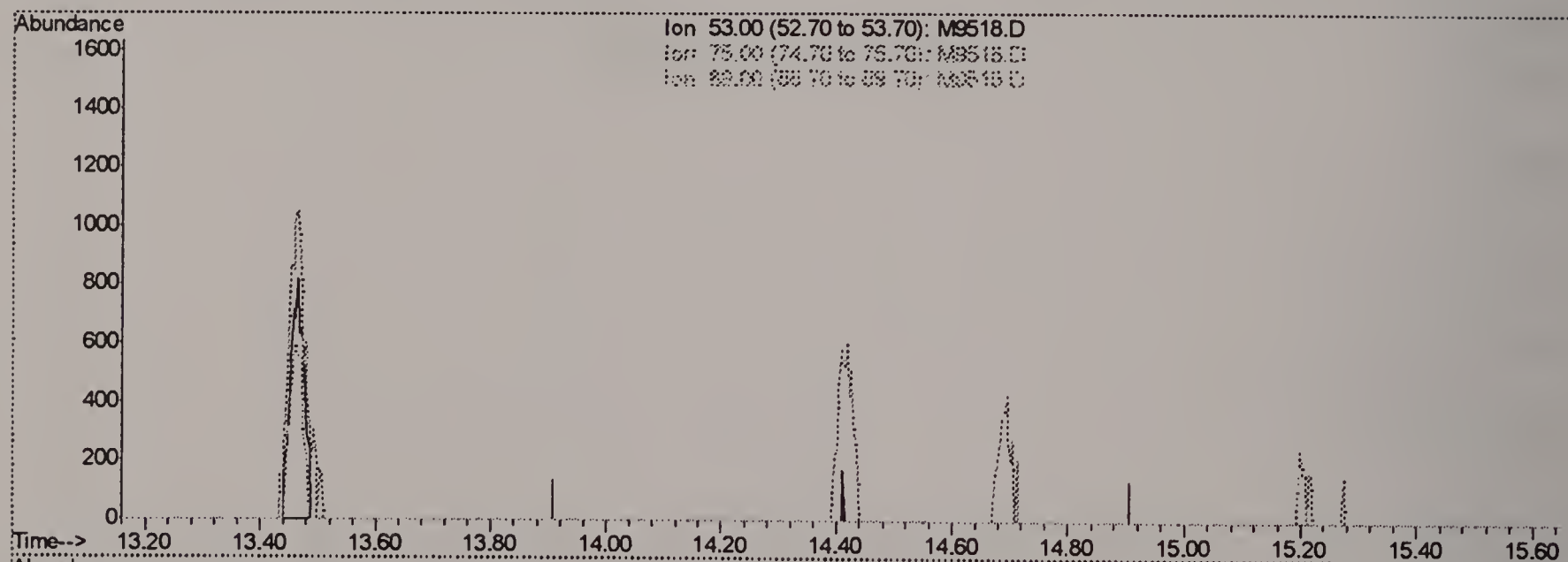
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
Acq On : 5 May 2006 9:18 am
Sample : IC310-1,1 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 5 12:23 2006

Vial: 4
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Multiple Level Calibration



(81) trans-1,4-dichloro-2-butene (M)

14.41min 0.00ug/L

response 0

Ion	Exp%	Act%
53.00	100	0.00
75.00	376.00	0.00#
89.00	56.30	0.00#
0.00	0.00	0.00

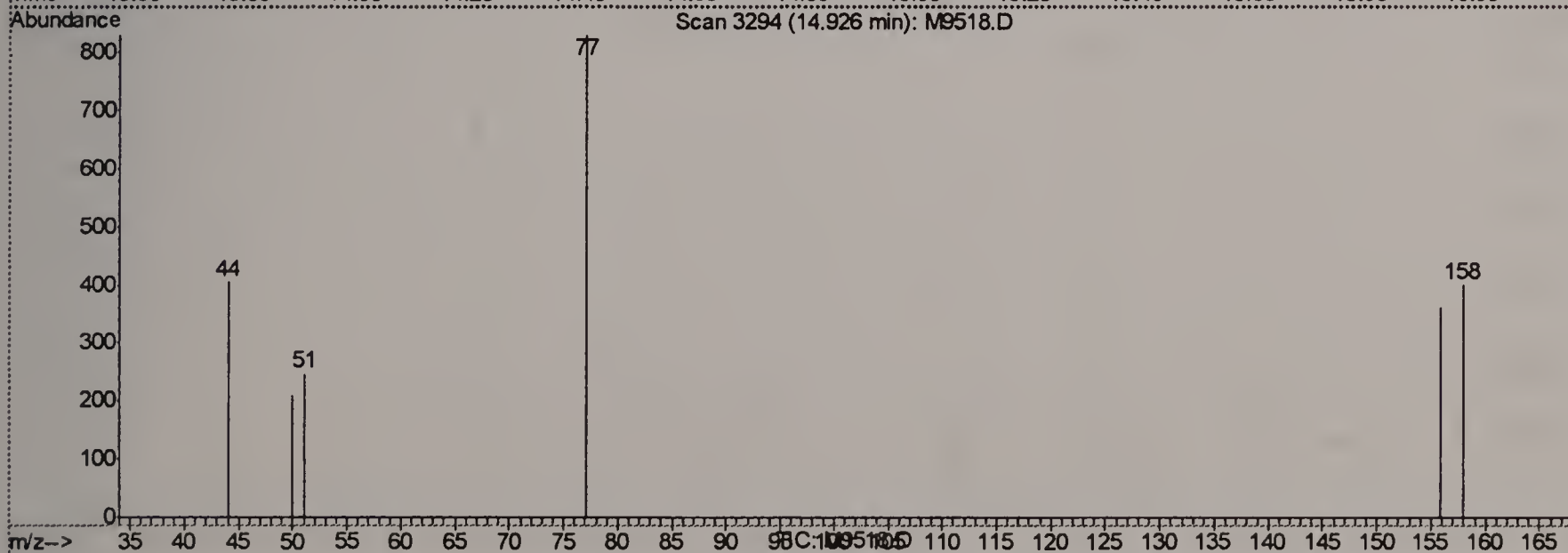
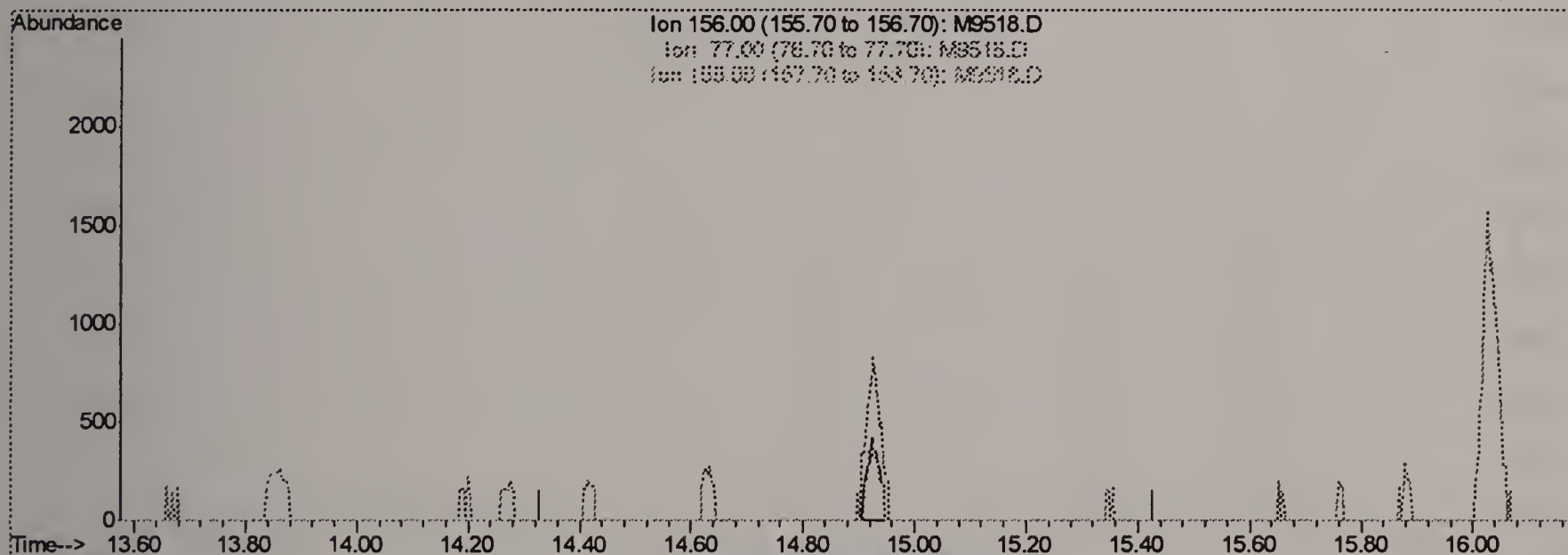
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:23 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(85) bromobenzene (M)

14.93min 0.00ug/L

response 0

Ion	Exp%	Act%
156.00	100	0.00
77.00	228.00	0.00#
158.00	97.50	0.00#
0.00	0.00	0.00

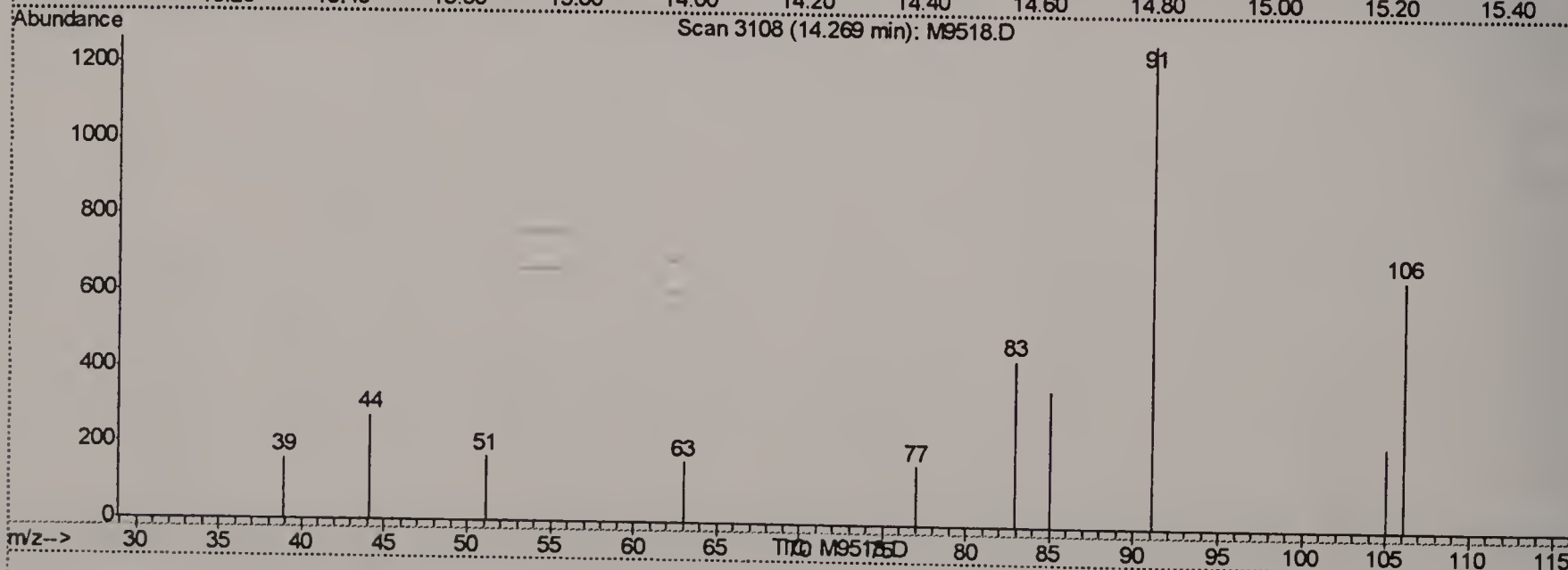
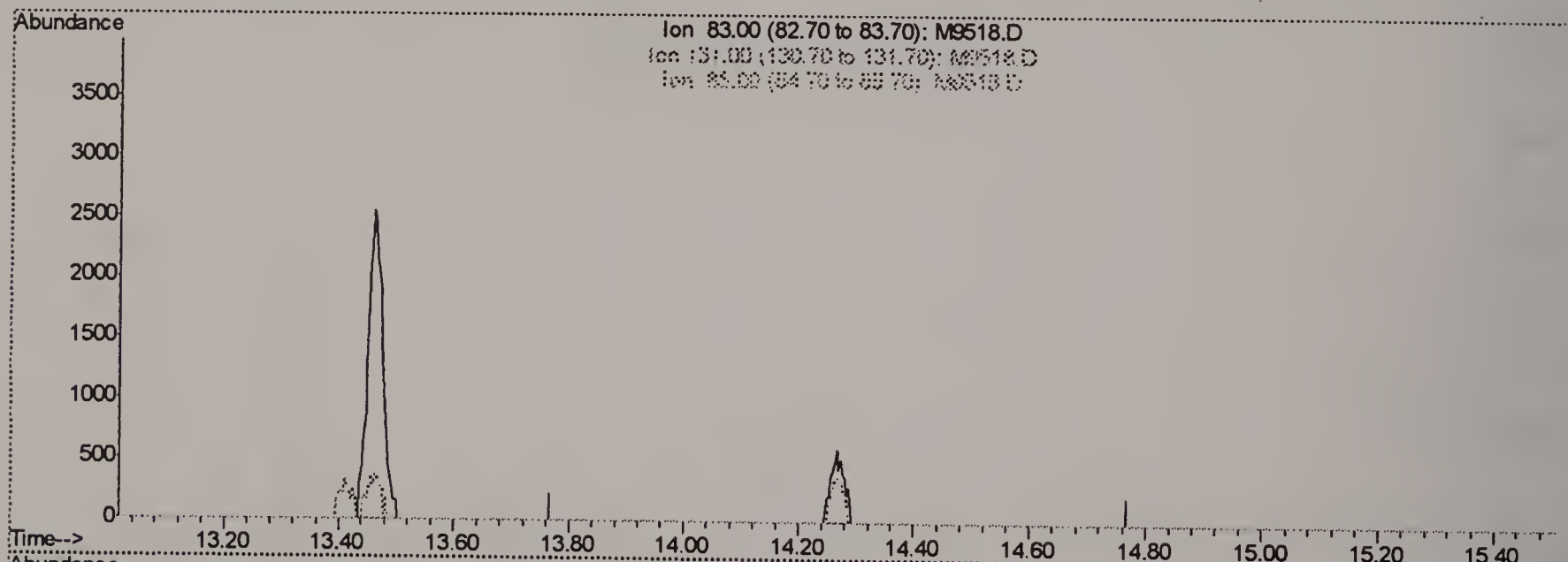
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:23 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(86) 1,1,2,2-tetrachloroethane (P)

14.27min 0.00ug/L

response 0

Ion	Exp%	Act%
83.00	100	0.00
131.00	8.90	0.00
85.00	66.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D

Vial: 4

Acq On : 5 May 2006 9:18 am

Operator: sandrac

Sample : IC310-1,1 PPB STD

Inst : MSM

Misc : ms11317,msm310,10,,100,10,1

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: May 5 12:23 2006

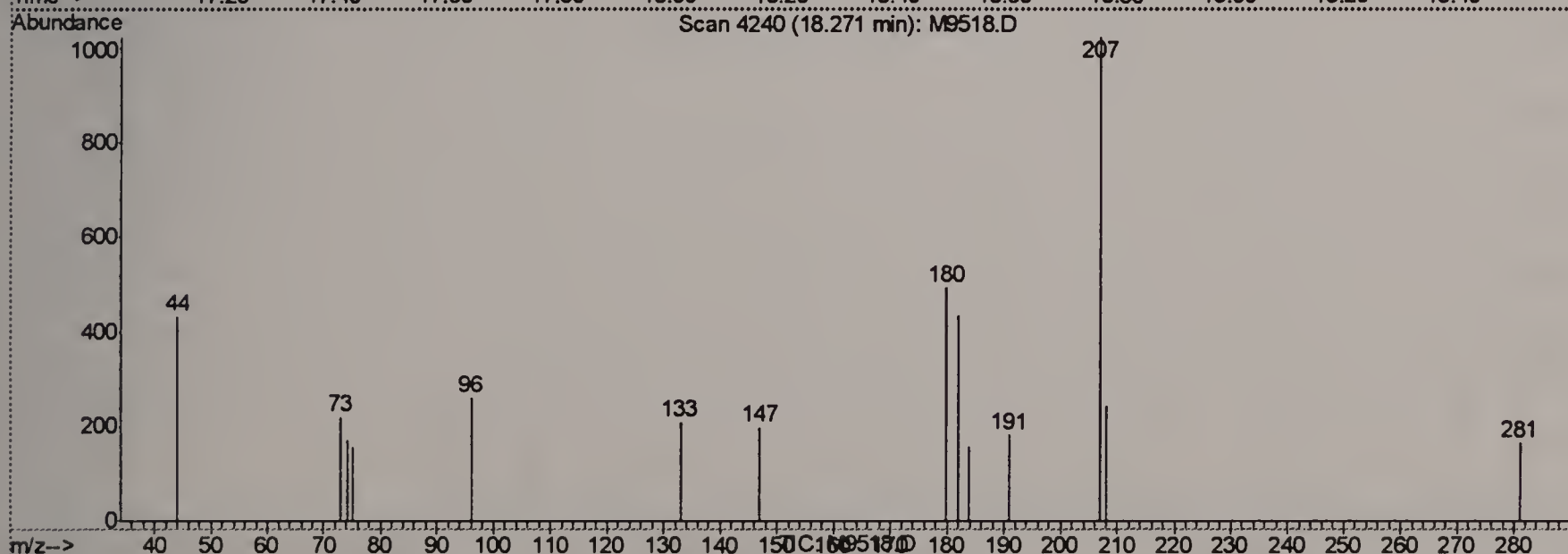
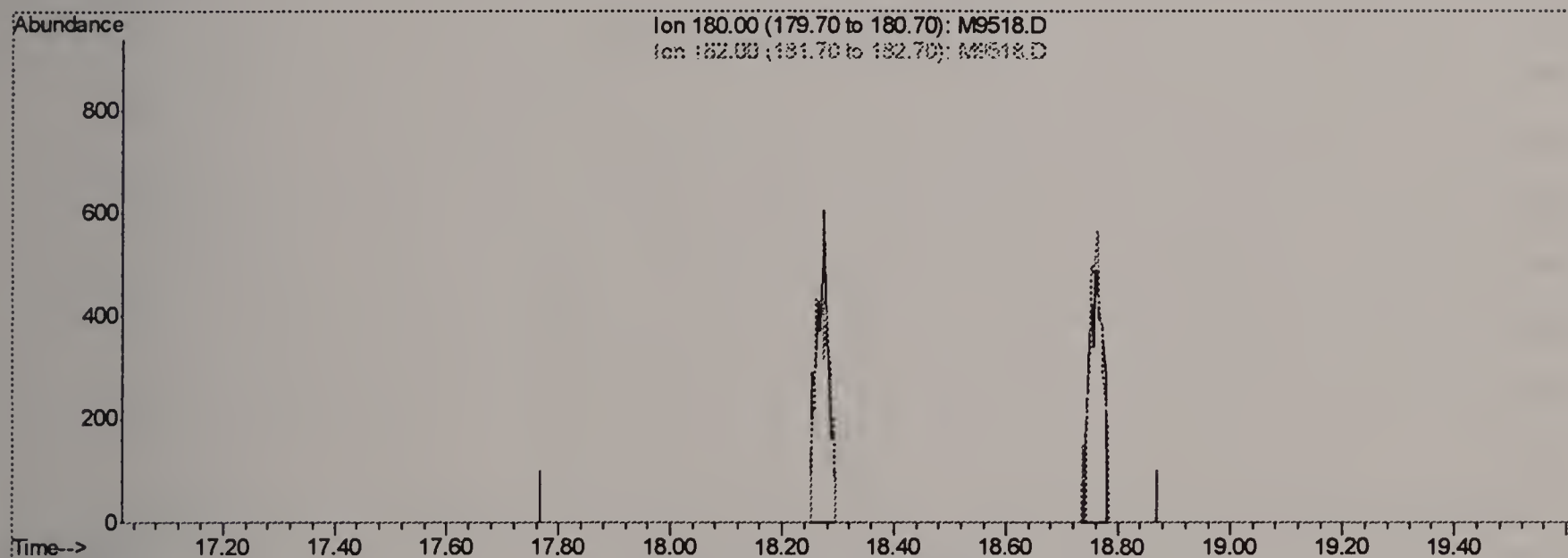
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)

Title : SW-846 Method 8260

Last Update : Fri May 05 12:15:44 2006

Response via : Multiple Level Calibration



(103) 1,2,4-trichlorobenzene (M)

18.27min 0.00ug/L

response 0

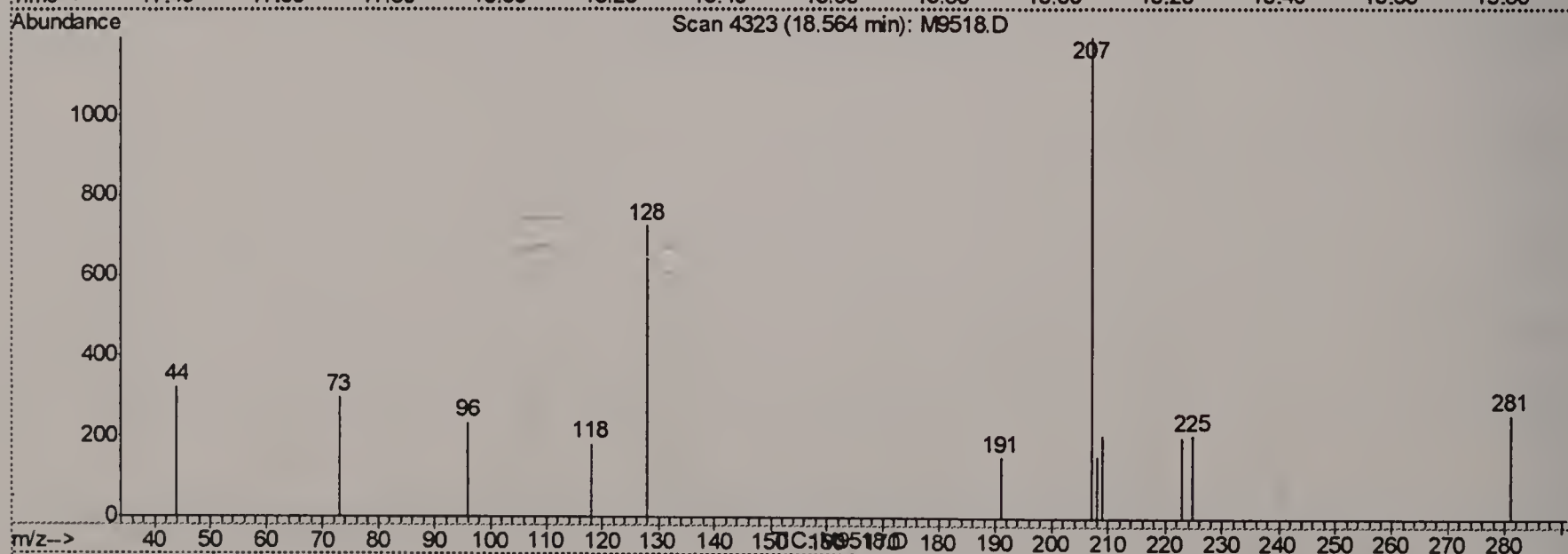
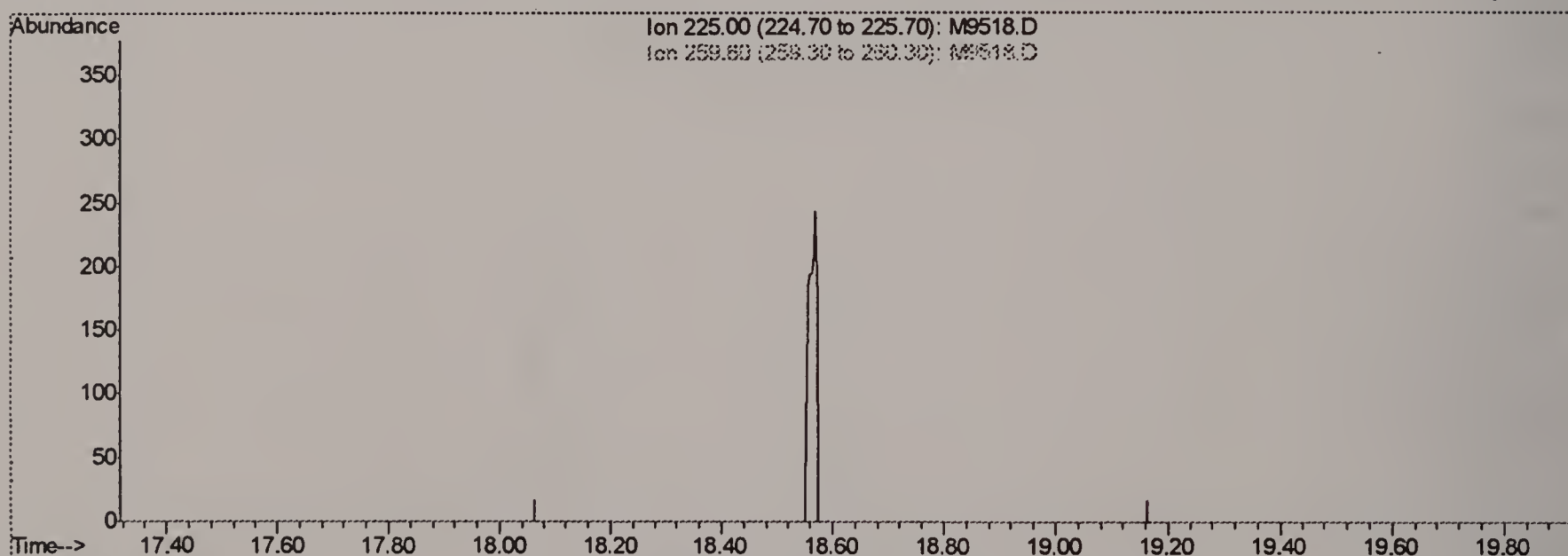
Ion	Exp%	Act%
180.00	100	0.00
182.00	94.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:24 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration



(104) hexachlorobutadiene (M)

18.57min 0.00ug/L

response 0

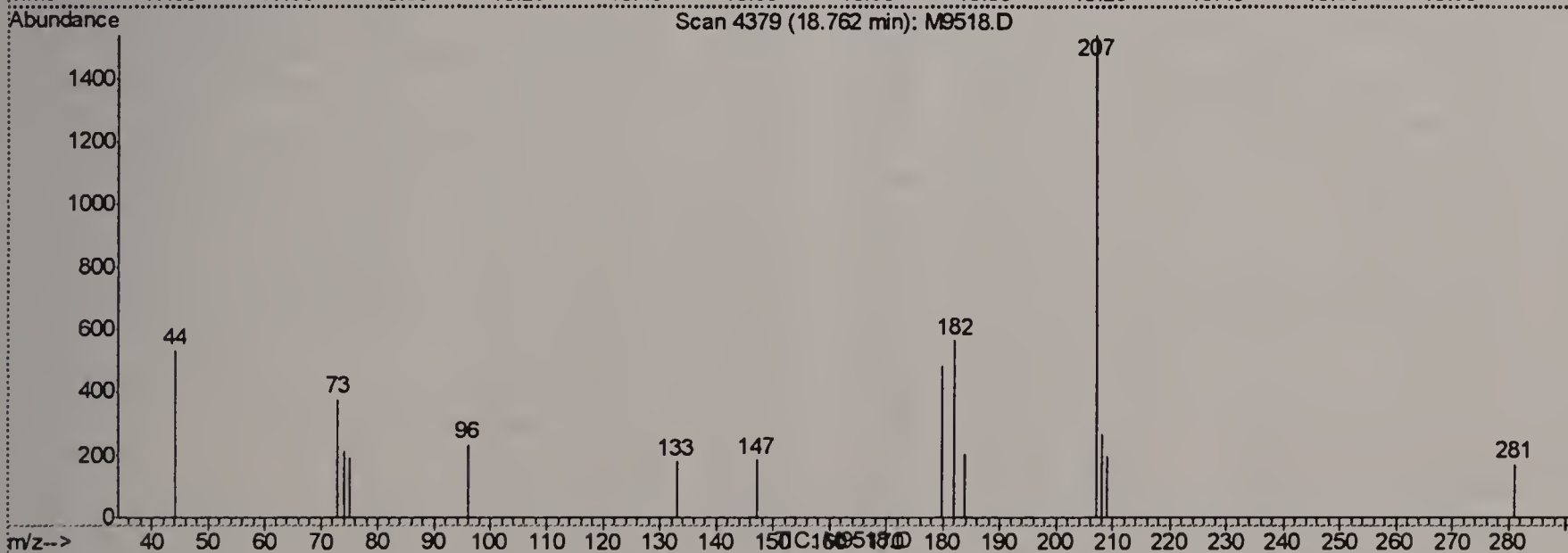
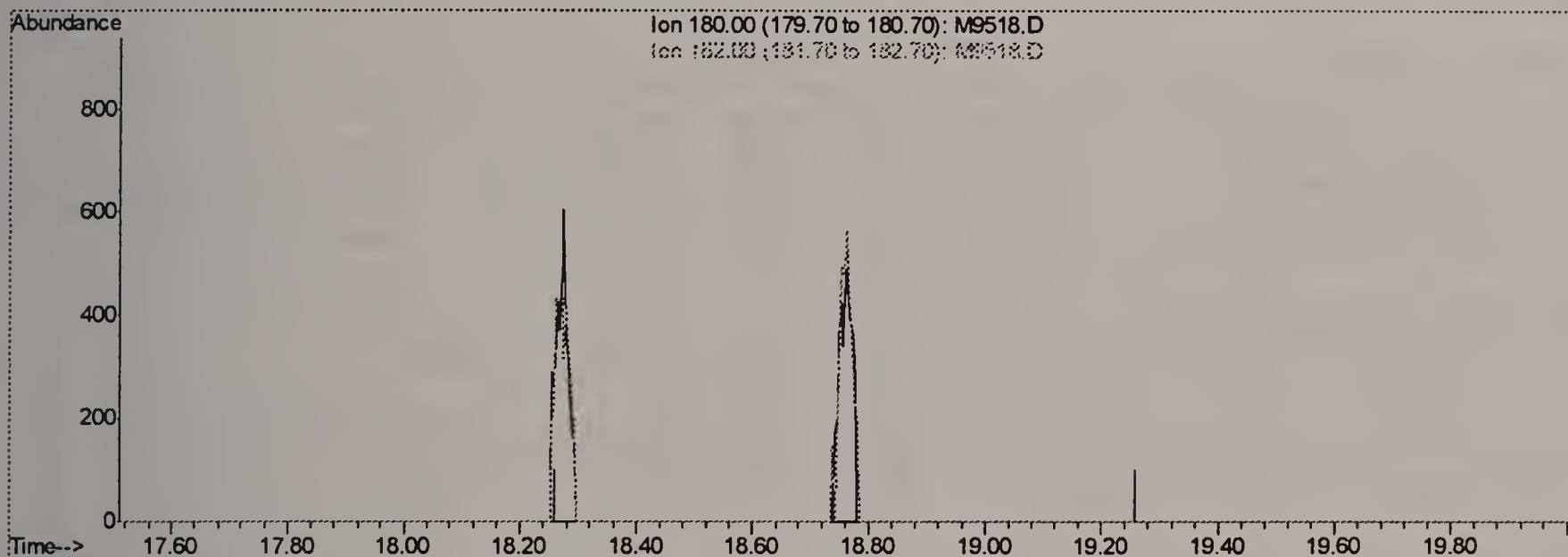
Ion	Exp%	Act%
225.00	100	0.00
259.60	24.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\M9518.D
 Acq On : 5 May 2006 9:18 am
 Sample : IC310-1,1 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 5 12:24 2006

Vial: 4
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00
 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Multiple Level Calibration

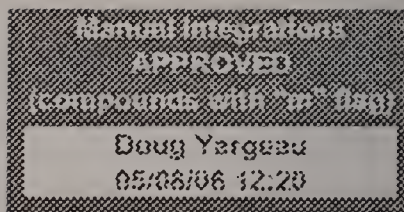


(106) 1,2,3-trichlorobenzene (M)

18.76min 0.00ug/L

response 0

Ion	Exp%	Act%
180.00	100	0.00
182.00	93.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9519.D
Acq On : 5 May 2006 9:46 am
Sample : IC310-2,2 PPB STD
Misc : ms11317,msm310,10,,100,10,1
MS Integration Params: rteint.p
Quant Time: May 05 12:16:10 2006

Vial: 5
Operator: sandrac
Inst : MSM
Multiplr: 1.00

Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Fri May 05 12:15:44 2006
Response via : Initial Calibration
DataAcq Meth : M8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) tert butyl alcohol-d9	6.85	65	42194	500.00	ug/L	0.00
3) pentafluorobenzene	9.32	168	54616	50.00	ug/L	0.00
44) 1,4-difluorobenzene	10.19	114	107654	50.00	ug/L	0.00
68) chlorobenzene-d5	13.46	82	66624	50.00	ug/L	0.00
82) 1,4-dichlorobenzene-d4	16.03	152	47012	50.00	ug/L	0.00

System Monitoring Compounds						
41) dibromofluoromethane (s)	8.96	113	1815	2.83	ug/L	0.00
Spiked Amount	50.000	Range	86 - 118	Recovery	=	5.66%#
62) toluene-d8 (s)	12.00	98	6789	2.19	ug/L	0.00
Spiked Amount	50.000	Range	88 - 110	Recovery	=	4.38%#
84) bromofluorobenzene (s)	14.69	95	2660	1.93	ug/L	0.00
Spiked Amount	50.000	Range	86 - 115	Recovery	=	3.86%#

Target Compounds						Qvalue
2) tertiary butyl alcohol	6.94	59	1437	12.31	ug/L	56
4) Ethanol	5.68	45	2149	236.40	ug/L #	38
6) dichlorodifluoromethane	4.46	85	903m	1.86	ug/L	
7) chloromethane	4.74	50	1335	1.76	ug/L	68
8) vinyl chloride	4.99	62	1304	1.97	ug/L #	1
9) bromomethane	5.52	96	721m	2.01	ug/L	
10) chloroethane	5.69	64	503m	1.57	ug/L	
11) ethyl ether	6.59	59	927m	1.78	ug/L	
12) acetonitrile	6.34	41	208m	3.33	ug/L	
13) trichlorofluoromethane	6.35	101	1268	1.65	ug/L	83
14) freon-113	7.14	101	622m	1.40	ug/L	
15) acrolein	6.34	56	1237	7.90	ug/L	95
16) 1,1-dichloroethene	6.95	96	761m	1.67	ug/L	
17) acetone	6.47	43	963m	3.79	ug/L	
18) Methyl Acetate	7.12	43	2296	2.56	ug/L	91
19) methylene chloride	7.10	84	1236	2.14	ug/L	81
20) methyl tert butyl ether	7.89	73	3000	1.44	ug/L	93
21) acrylonitrile	6.99	53	2681	9.88	ug/L	99
22) allyl chloride	7.19	41	1332	2.23	ug/L	81
23) trans-1,2-dichloroethene	7.80	96	1095	1.59	ug/L	92
24) iodomethane	7.01	142	378m	1.30	ug/L	
25) carbon disulfide	7.39	76	2739	1.64	ug/L	75
27) vinyl acetate	8.16	43	2085	1.83	ug/L	77
28) chloroprene	8.43	53	1007	0.92	ug/L	81
29) di-isopropyl ether	8.46	45	3776	1.33	ug/L	94
30) methacrylonitrile	8.58	41	702m	1.19	ug/L	
33) 1,1-dichloroethane	8.05	63	2221	1.62	ug/L	82
34) tert-butyl ethyl ether	8.86	59	2304	1.12	ug/L	93
35) isobutyl alcohol	8.88	43	257m	5.79	ug/L	
36) 2,2-dichloropropane	8.92	77	1263	1.31	ug/L	56
37) cis-1,2-dichloroethene	8.63	96	1256	1.59	ug/L #	76
38) ethyl acetate	8.88	43	257m	1.49	ug/L	
39) bromochloromethane	8.80	128	369m	1.40	ug/L	
40) chloroform	8.84	83	2005	1.61	ug/L	86
42) Tetrahydrofuran	9.17	42	280m	0.97	ug/L	

(#) = qualifier out of range (m) = manual integration

M9519.D M050506.M Fri May 05 13:08:04 2006 RPT1

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9519.D
 Acq On : 5 May 2006 9:46 am
 Sample : IC310-2,2 PPB STD
 Misc : ms11317,msm310,10,,100,10,1
 MS Integration Params: rteint.p
 Quant Time: May 05 12:16:10 2006

Vial: 5
 Operator: sandrac
 Inst : MSM
 Multiplr: 1.00

Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
43) 1,1,1-trichloroethane	9.59	97	1375	1.39	ug/L	82
45) Cyclohexane	9.88	56	1461	0.88	ug/L	87
46) carbon tetrachloride	9.96	117	791m	1.06	ug/L	
47) 1,1-dichloropropene	9.77	75	1298	1.14	ug/L	82
48) benzene	10.00	78	4871	1.48	ug/L	100
49) 1,2-dichloroethane	9.49	62	1868	1.64	ug/L	76
50) tert-amyl methyl ether	10.11	73	1839	1.09	ug/L	99
51) heptane	10.47	43	1128	0.94	ug/L	87
52) trichloroethene	10.62	95	1047	1.22	ug/L #	78
53) 1,2-dichloropropane	10.58	63	1237	1.31	ug/L	90
54) dibromomethane	10.56	93	632m	1.42	ug/L	
55) 2-Nitropropane	10.47	43	1128	0.94	ug/L #	33
56) bromodichloromethane	10.67	83	1387	1.37	ug/L	92
57) Methylcyclohexane	11.14	83	1222	0.85	ug/L	86
59) methyl methacrylate	10.75	69	582m	0.88	ug/L	
61) cis-1,3-dichloropropene	11.29	75	1637	1.24	ug/L	96
63) 4-methyl-2-pentanone	11.38	43	1005	0.97	ug/L #	42
64) toluene	12.07	92	2597	1.21	ug/L	82
65) trans-1,3-dichloropropene	11.71	75	1172	1.11	ug/L	53
66) 1,1,2-trichloroethane	11.88	83	899m	1.34	ug/L	
67) ethyl methacrylate	12.08	69	923m	0.80	ug/L	
69) tetrachloroethene	12.82	166	806m	1.26	ug/L	
70) 1,3-dichloropropane	12.12	76	1882	1.30	ug/L	91
71) dibromochloromethane	12.41	129	711m	1.27	ug/L	
72) 1,2-dibromoethane	12.67	107	927m	1.27	ug/L	
73) 2-hexanone	12.24	43	467m	0.65	ug/L	
74) chlorobenzene	13.50	112	3118	1.40	ug/L	93
75) 1,1,1,2-tetrachloroethane	13.41	131	719m	1.22	ug/L	
76) ethylbenzene	13.67	91	4381	1.07	ug/L	92
77) m,p-xylene	13.86	106	3199	2.20	ug/L	99
78) o-xylene	14.27	106	1336	0.95	ug/L	84
79) styrene	14.20	104	2003	0.80	ug/L	87
80) bromoform	14.02	173	278m	0.83	ug/L	
81) trans-1,4-dichloro-2-buten	14.41	53	107m	0.38	ug/L	
83) isopropylbenzene	14.63	105	3093	0.93	ug/L	91
85) bromobenzene	14.92	156	898m	1.18	ug/L	
86) 1,1,2,2-tetrachloroethane	14.27	83	1567m	1.53	ug/L	
87) 1,2,3-trichloropropane	14.42	75	1584	1.26	ug/L	99
88) n-propylbenzene	15.08	91	4338	0.90	ug/L	97
89) 2-chlorotoluene	15.20	91	3228	1.09	ug/L	94
90) 4-chlorotoluene	15.28	91	3177	1.05	ug/L	100
91) 1,3,5-trimethylbenzene	15.35	105	2572	0.86	ug/L	80
92) tert-butylbenzene	15.66	91	1675	0.87	ug/L	98
93) 1,2,4-trimethylbenzene	15.76	105	2545	0.89	ug/L	93
95) sec-butylbenzene	15.88	105	3628	0.94	ug/L	96
96) 1,3-dichlorobenzene	15.99	146	1862	1.24	ug/L	93
97) p-isopropyltoluene	16.05	119	2989	1.10	ug/L	93
98) o-Isopropyltoluene	16.26	119	2780	0.92	ug/L	97
99) 1,4-dichlorobenzene	16.05	146	2305	1.53	ug/L	93

(#) = qualifier out of range (m) = manual integration

M9519.D M050506.M Fri May 05 13:08:05 2006 RPT1

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\M9519.D Vial: 5
 Acq On : 5 May 2006 9:46 am Operator: sandrac
 Sample : IC310-2,2 PPB STD Inst : MSM
 Misc : ms11317,msm310,10,,100,10,1 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: May 05 12:16:10 2006 Quant Results File: M050506.RES

Quant Method : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
 Title : SW-846 Method 8260
 Last Update : Fri May 05 12:15:44 2006
 Response via : Initial Calibration
 DataAcq Meth : M8260

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
100) 1,2-dichlorobenzene	16.42	146	1759	1.20	ug/L	96
101) n-butylbenzene	16.47	91	2747	0.97	ug/L	95
102) 1,2-dibromo-3-chloropropan	16.91	75	75m	0.36	ug/L	
103) 1,2,4-trichlorobenzene	18.27	180	1100	1.28	ug/L	92
104) hexachlorobutadiene	18.56	225	391m	1.10	ug/L	
105) naphthalene	18.55	128	3159	1.37	ug/L	100
106) 1,2,3-trichlorobenzene	18.76	180	1154	1.35	ug/L	70

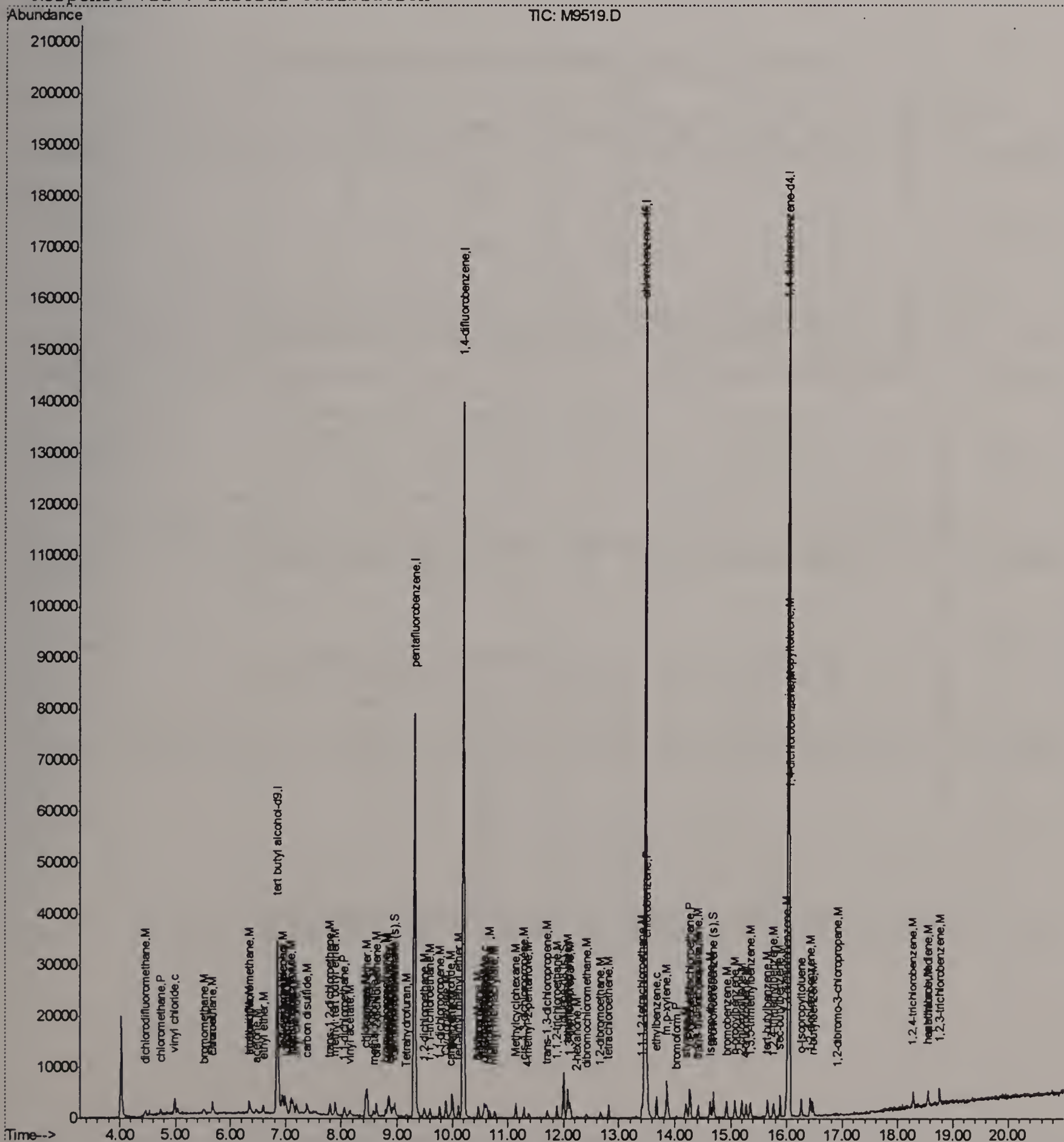
(#) = qualifier out of range (m) = manual integration (+) = signals summed
 M9519.D M050506.M Fri May 05 13:08:05 2006 RPT1

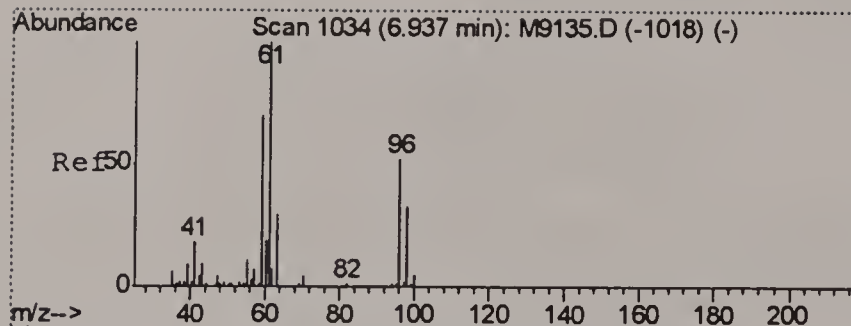
(QT Reviewed)

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Vial: 5
Operator: sandrac
Inst      : MSM
Multiplr: 1.00
```

Quant Results File: M050506.RES

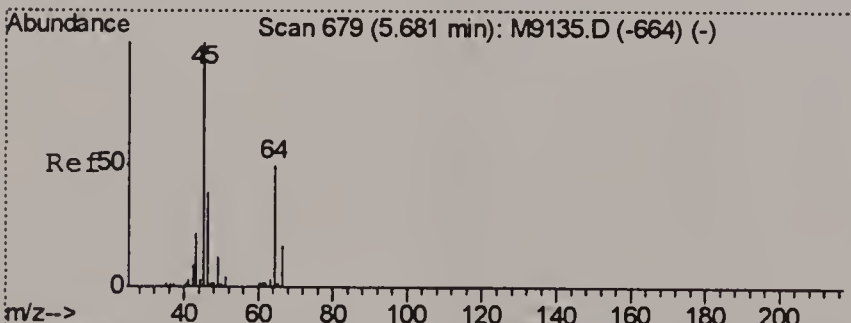
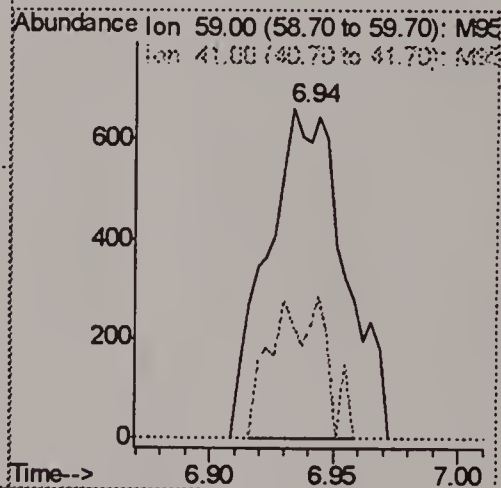
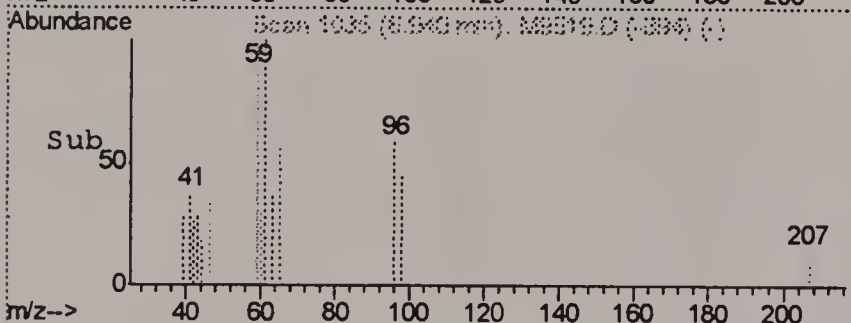
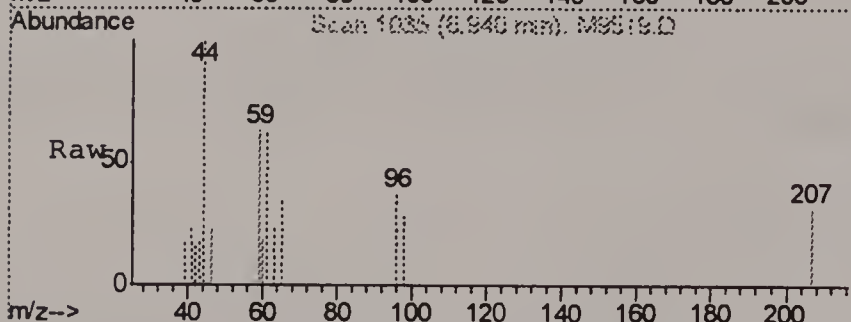
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Method       : C:\MSDCHEM\1\METHODS\M050506.M (RTE Integrator)
Title        : SW-846 Method 8260
Last Update   : Fri May 05 12:15:44 2006
Response via  : Initial Calibration
```





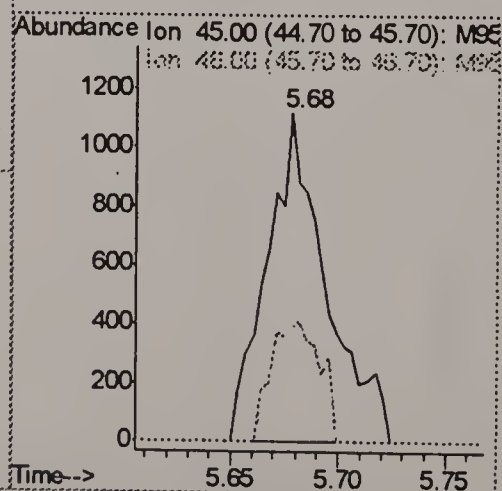
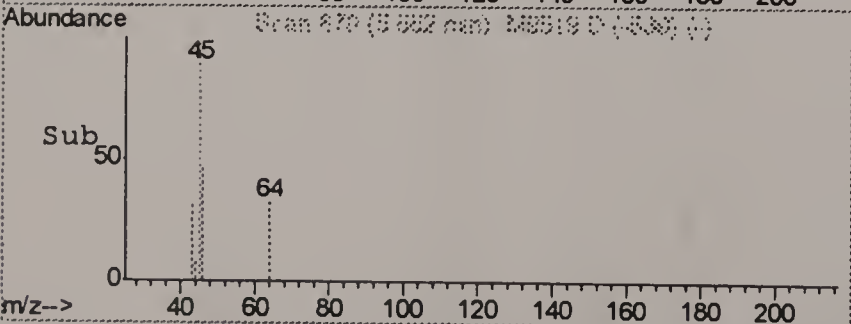
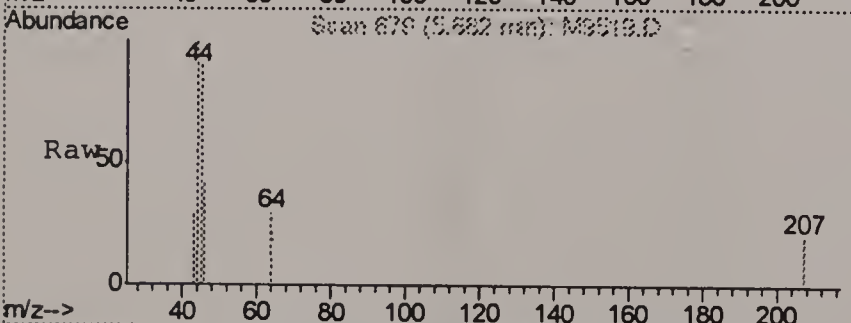
#2
 tertiary butyl alcohol
 Concen: 12.31 ug/L
 RT: 6.94 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

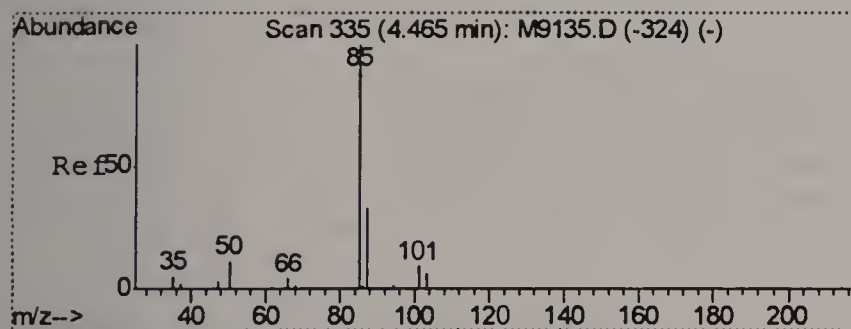
Tgt Ion: 59 Resp: 1437
 Ion Ratio Lower Upper
 59 100
 41 38.6 0.0 48.9



#4
 Ethanol
 Concen: 236.40 ug/L
 RT: 5.68 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

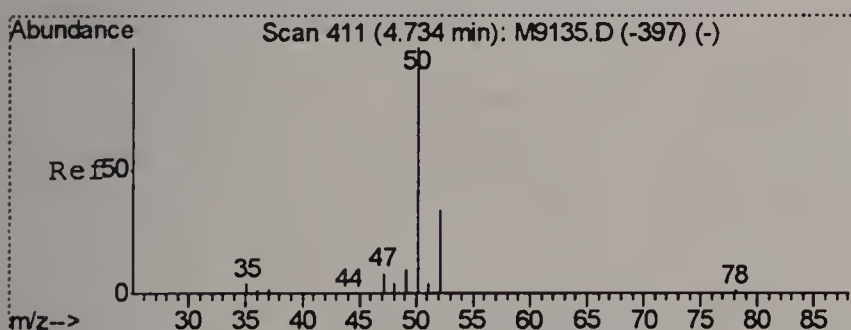
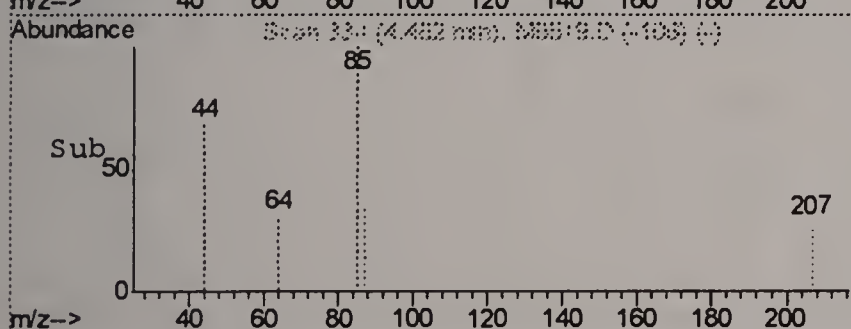
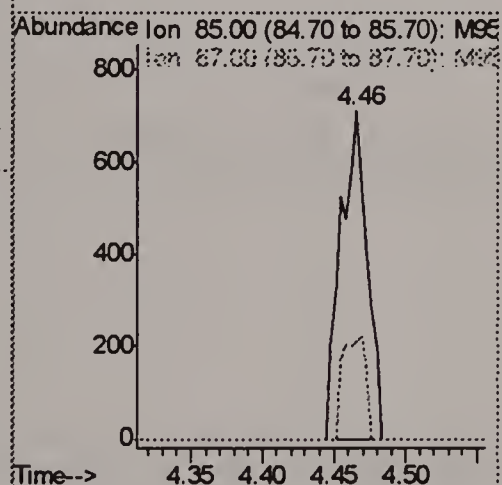
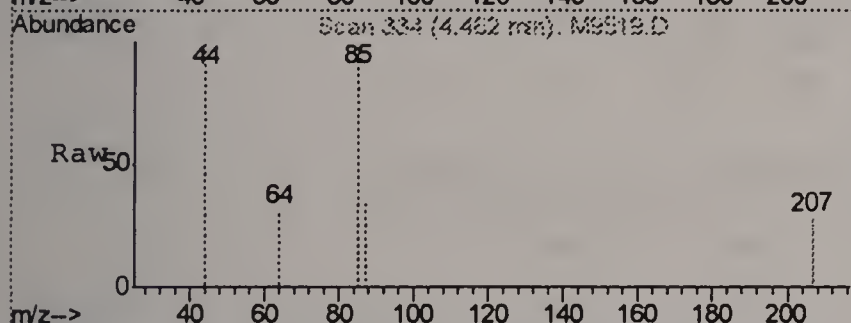
Tgt Ion: 45 Resp: 2149
 Ion Ratio Lower Upper
 45 100
 46 0.0 7.0 67.0#





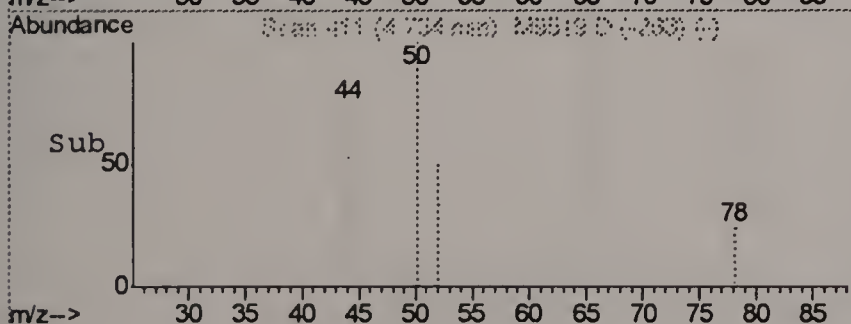
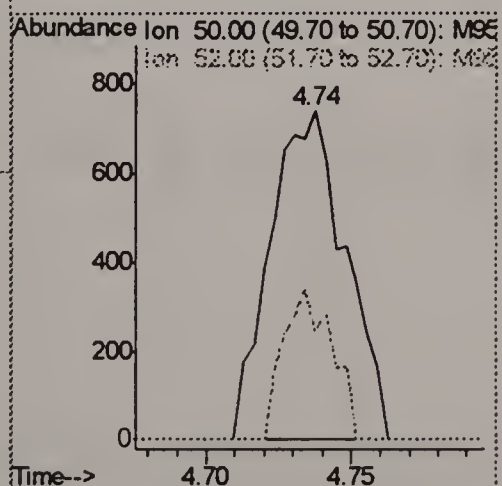
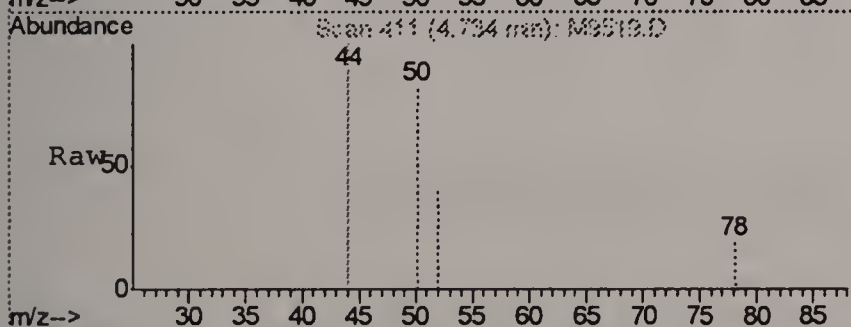
#6
dichlorodifluoromethane
Concen: 1.86 ug/L m
RT: 4.46 min Scan# 334
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

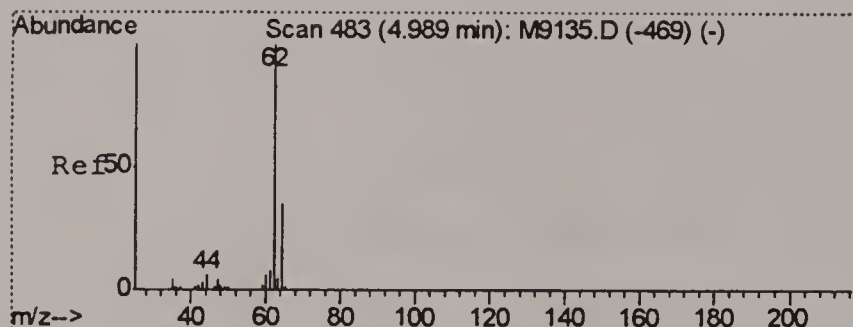
Tgt Ion: 85 Resp: 903
Ion Ratio Lower Upper
85 100
87 34.2 1.6 61.6



#7
chloromethane
Concen: 1.76 ug/L
RT: 4.74 min Scan# 411
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

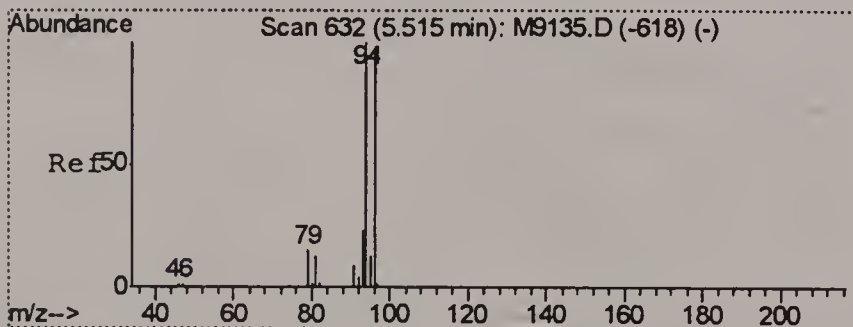
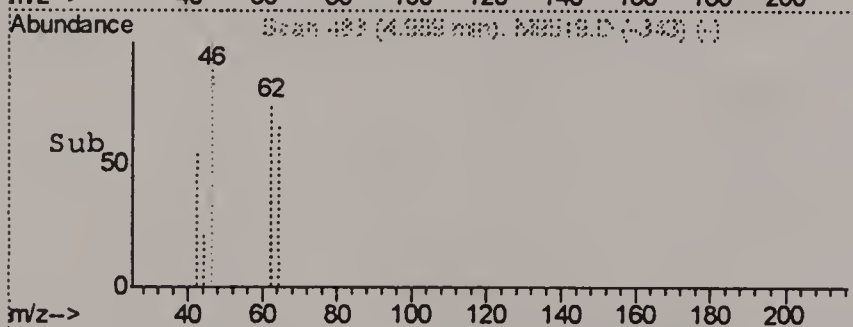
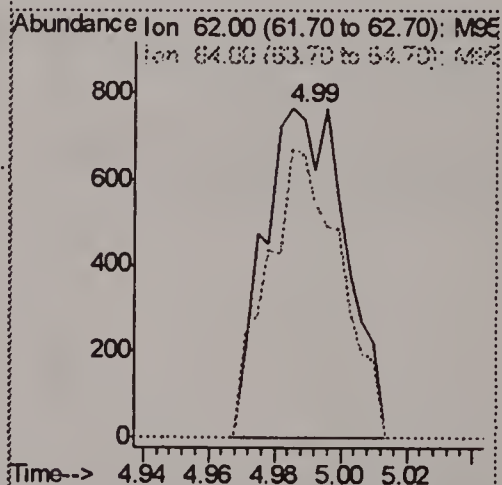
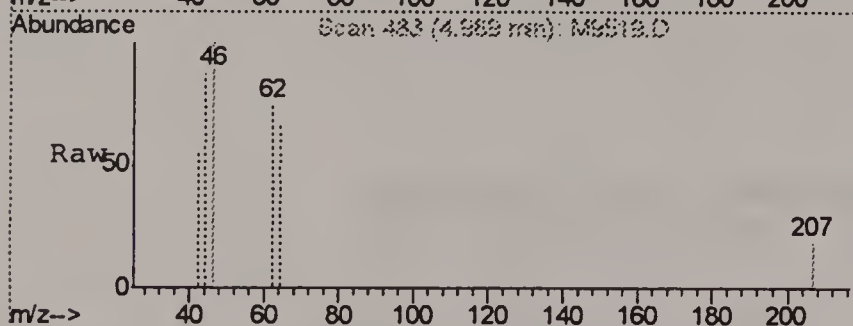
Tgt Ion: 50 Resp: 1335
Ion Ratio Lower Upper
50 100
52 50.3 2.4 62.4





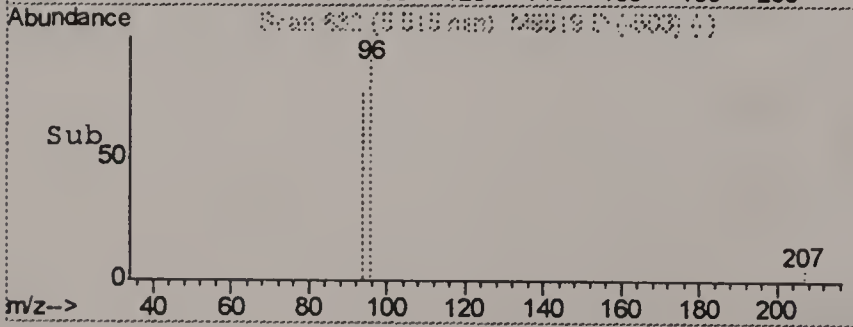
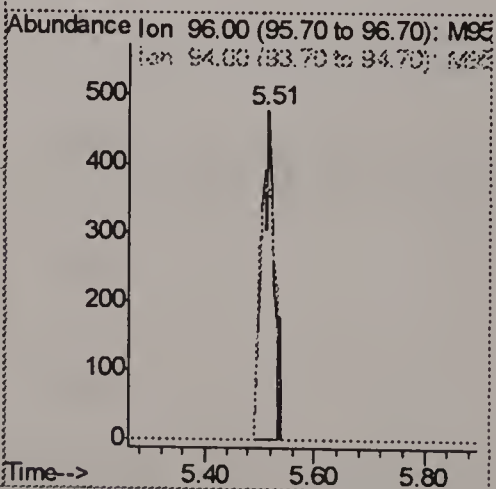
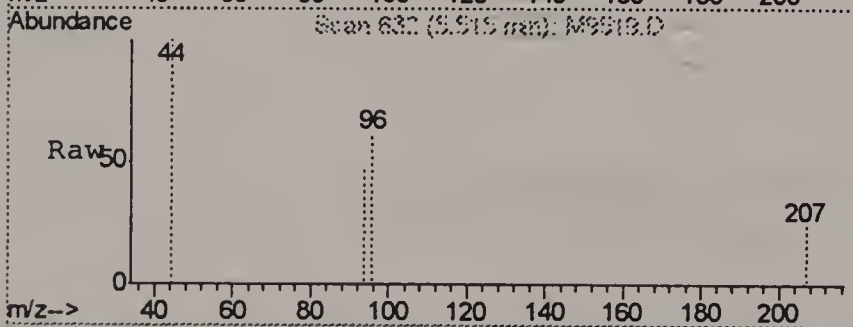
#8
vinyl chloride
Concen: 1.97 ug/L
RT: 4.99 min Scan# 483
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

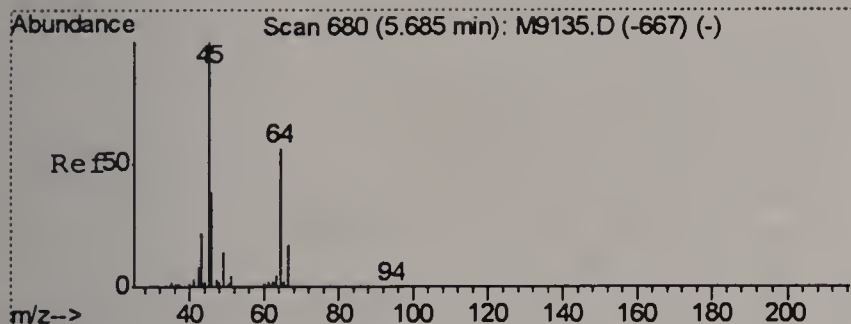
Tgt Ion: 62 Resp: 1304
Ion Ratio Lower Upper
62 100
64 88.2 2.0 62.0#



#9
bromomethane
Concen: 2.01 ug/L m
RT: 5.52 min Scan# 632
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

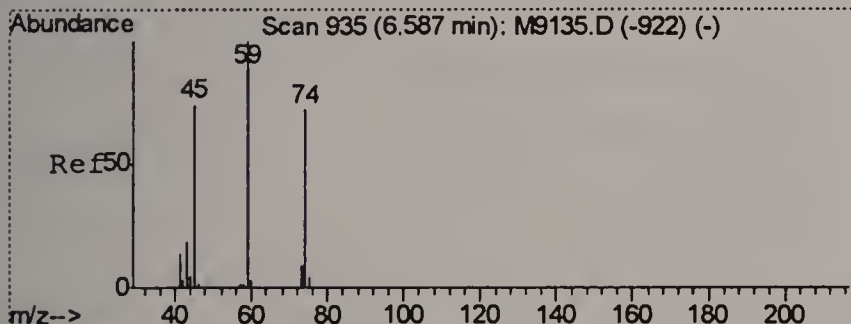
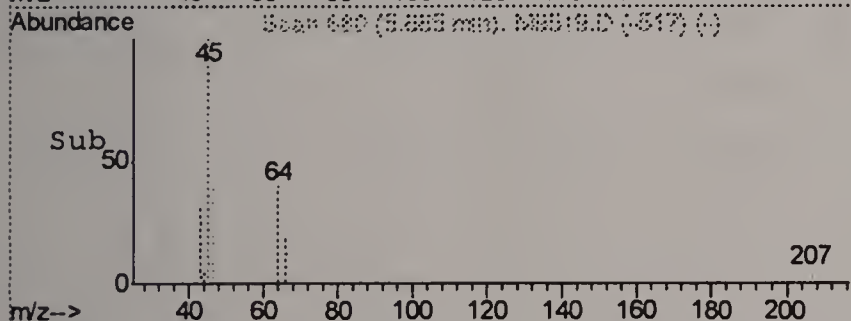
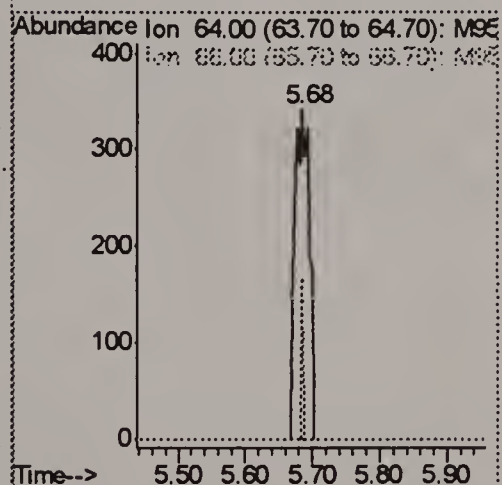
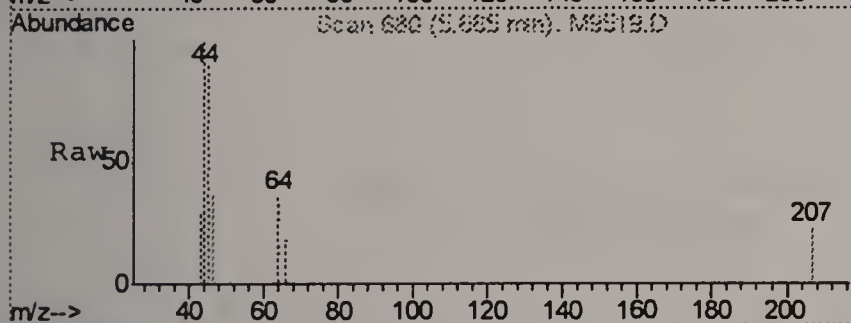
Tgt Ion: 96 Resp: 721
Ion Ratio Lower Upper
96 100
94 77.0 80.9 140.9#





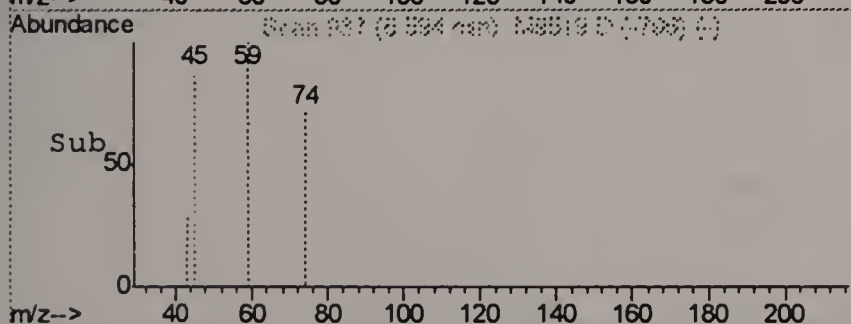
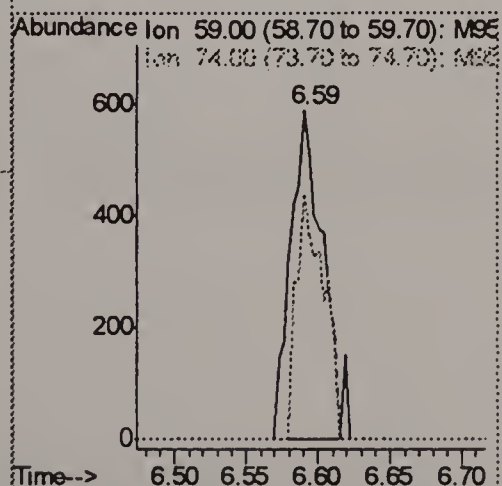
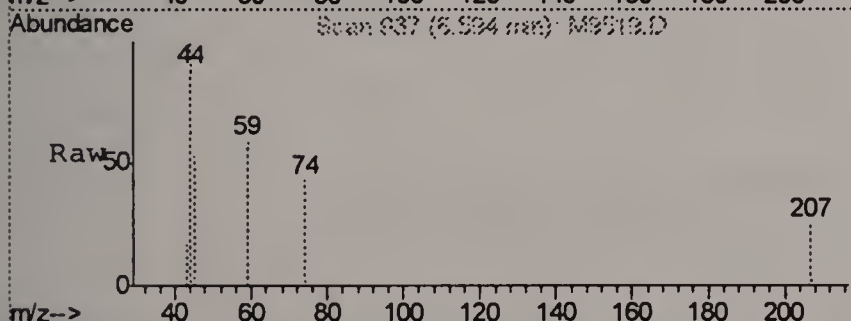
#10
chloroethane
Concen: 1.57 ug/L m
RT: 5.69 min Scan# 680
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

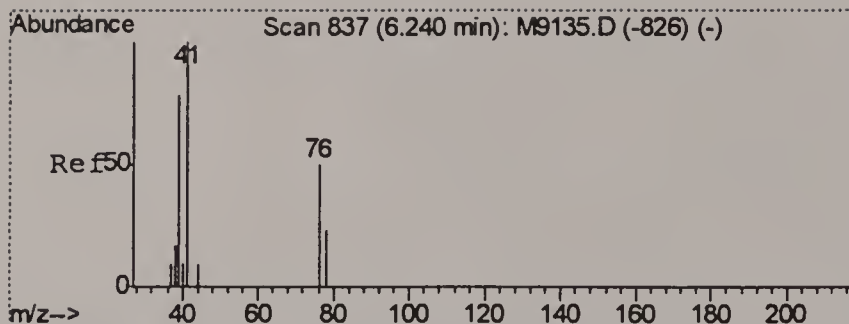
Tgt Ion: 64 Resp: 503
Ion Ratio Lower Upper
64 100
66 49.1 3.1 63.1



#11
ethyl ether
Concen: 1.78 ug/L m
RT: 6.59 min Scan# 937
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

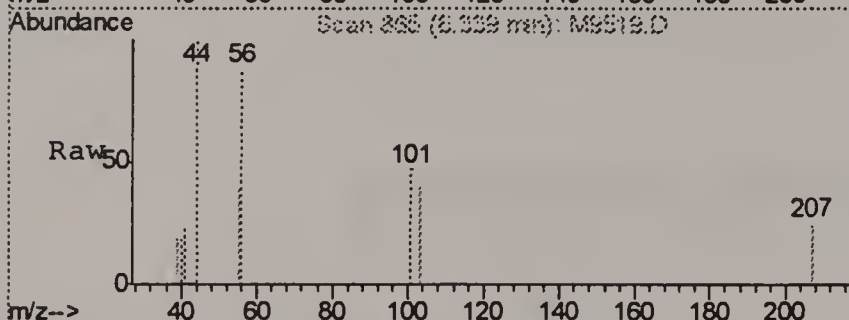
Tgt Ion: 59 Resp: 927
Ion Ratio Lower Upper
59 100
74 71.8 32.9 92.9



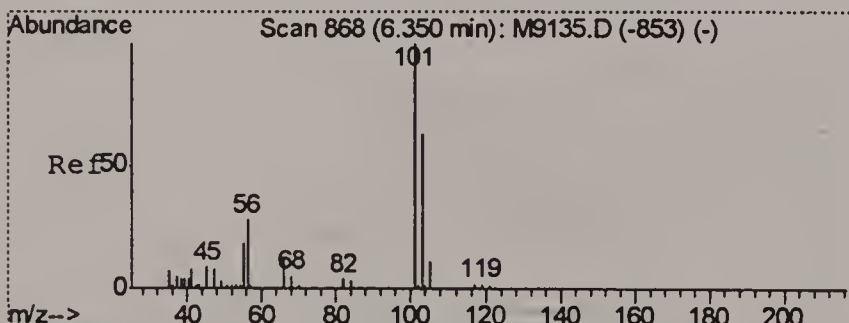
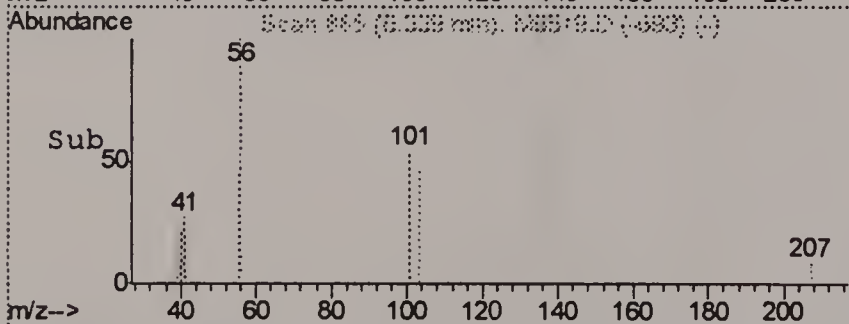
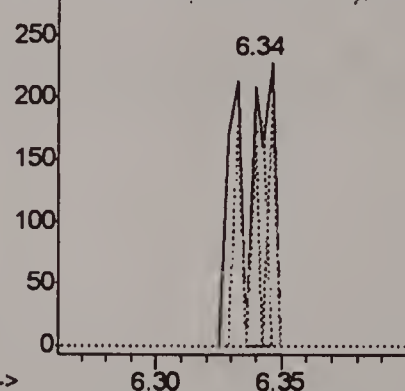


#12
acetonitrile
Concen: 3.33 ug/L m
RT: 6.34 min Scan# 865
Delta R.T. 0.09 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

Tgt Ion: 41 Resp: 208
Ion Ratio Lower Upper
41 100
40 77.5 0.0 48.3#
39 81.8 43.1 103.1

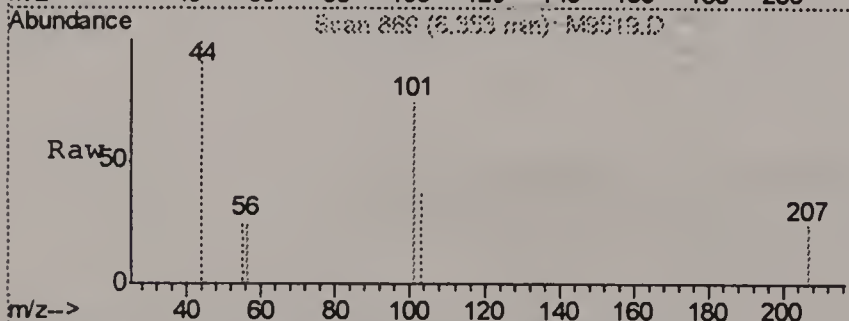


Abundance Ion 41.00 (40.70 to 41.70): M9519.D

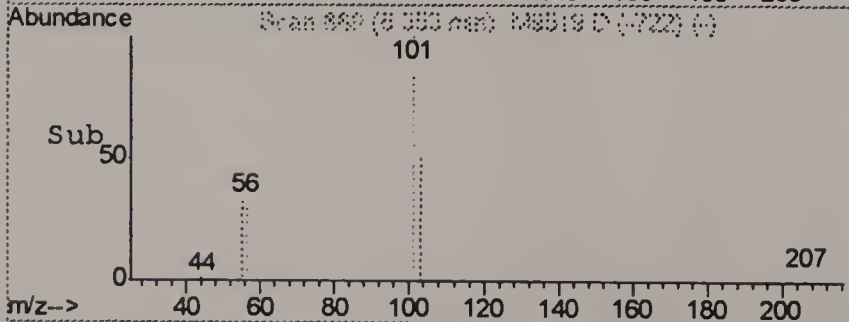
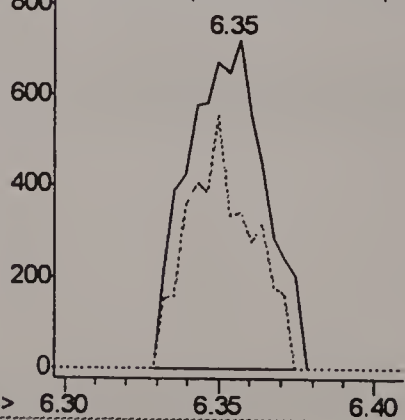


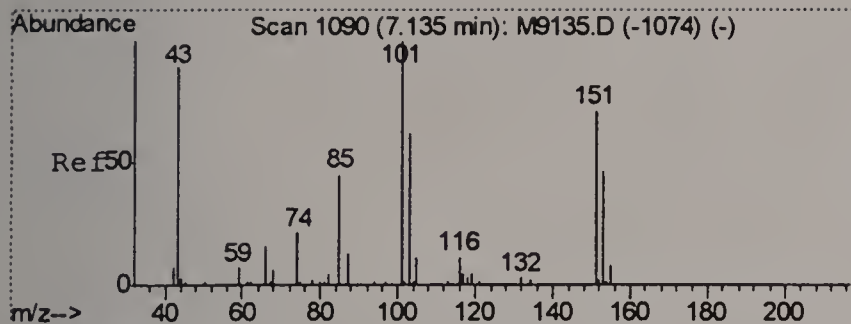
#13
trichlorofluoromethane
Concen: 1.65 ug/L
RT: 6.35 min Scan# 869
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

Tgt Ion: 101 Resp: 1268
Ion Ratio Lower Upper
101 100
103 51.9 35.4 95.4



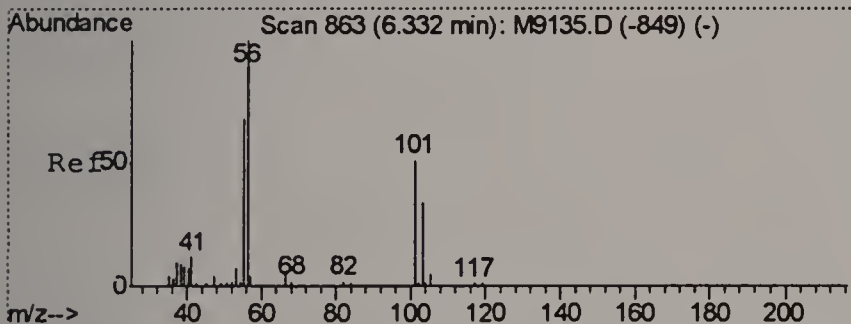
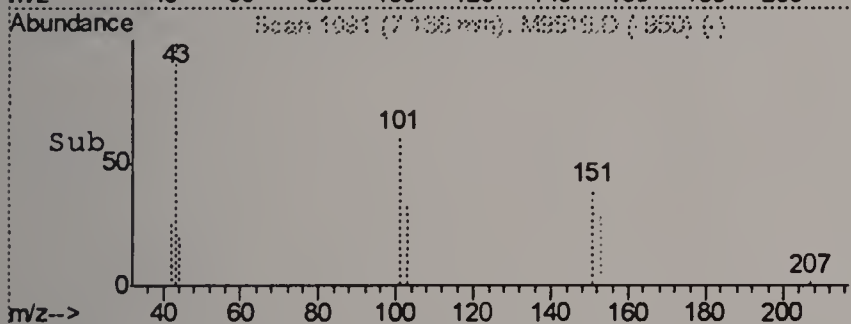
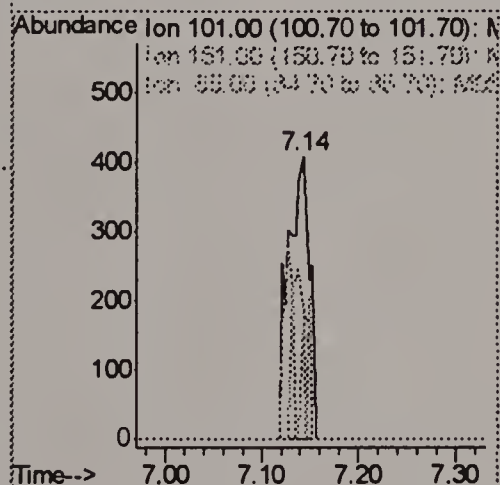
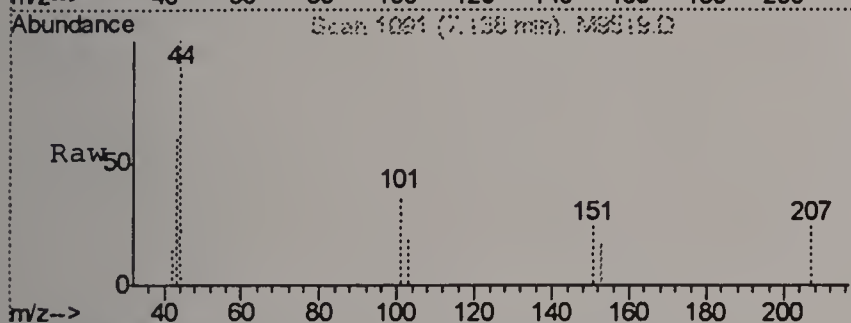
Abundance Ion 101.00 (100.70 to 101.70): M9519.D





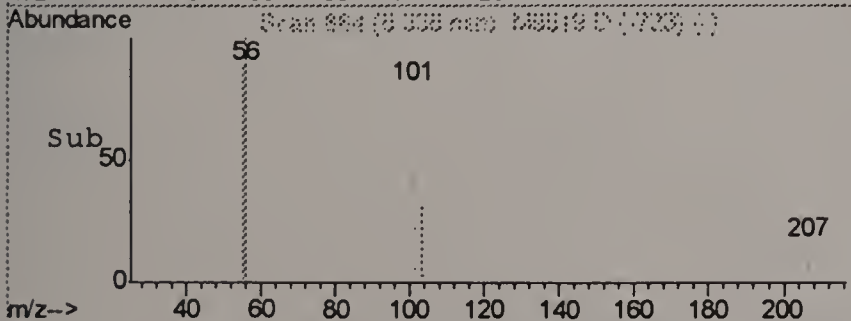
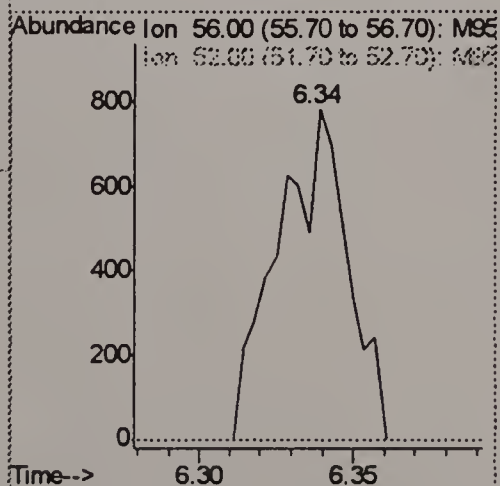
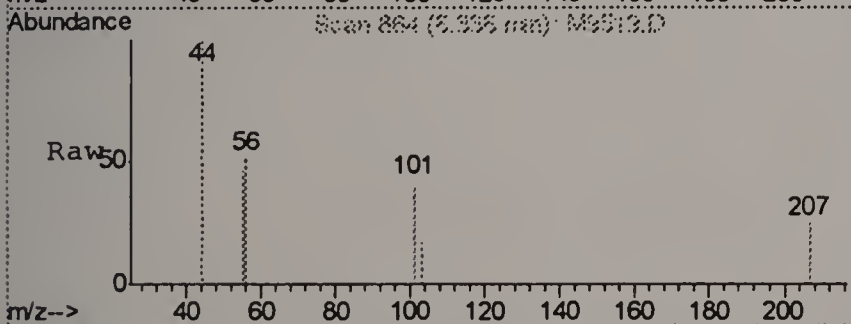
#14
 freon-113
 Concen: 1.40 ug/L m
 RT: 7.14 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

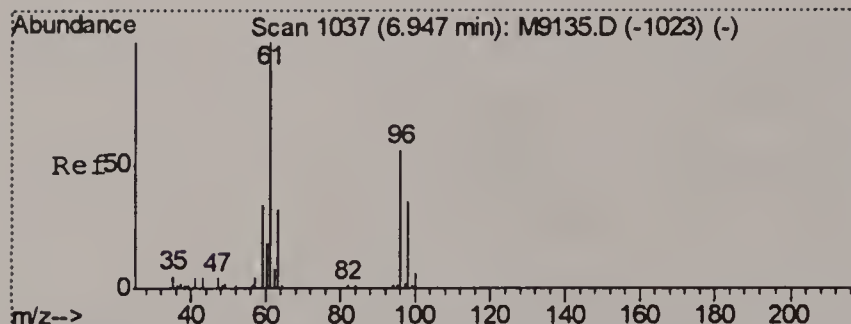
Tgt Ion: 101 Resp: 622
 Ion Ratio Lower Upper
 101 100
 151 66.0 36.7 96.7
 85 0.0 17.9 77.9#



#15
 acrolein
 Concen: 7.90 ug/L
 RT: 6.34 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

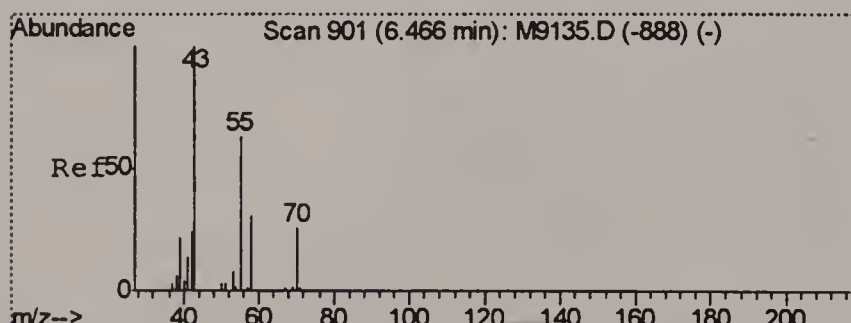
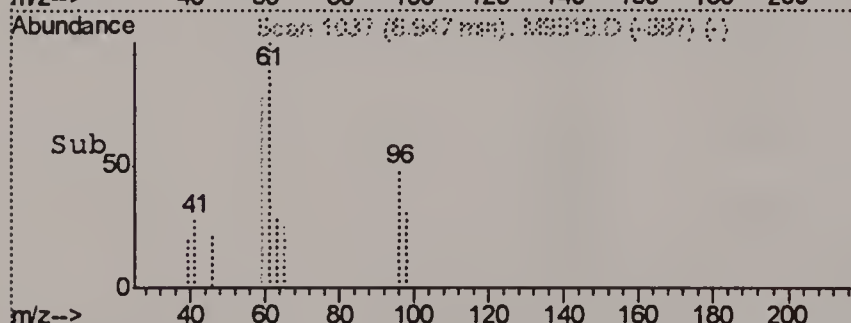
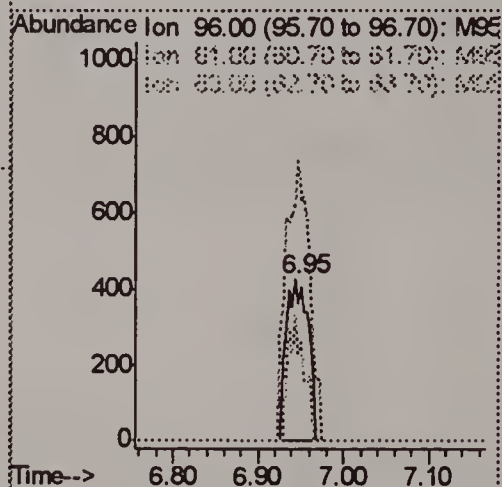
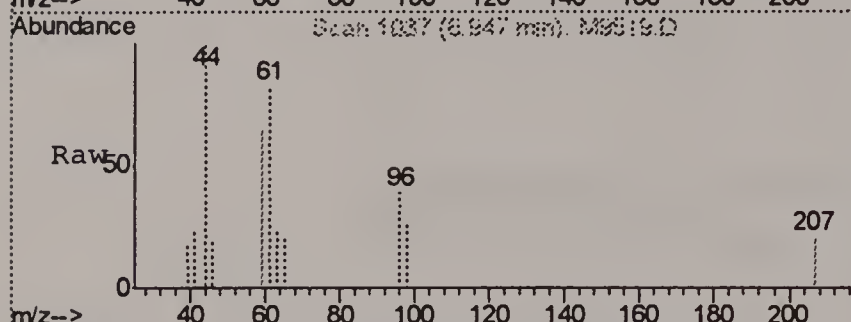
Tgt Ion: 56 Resp: 1237
 Ion Ratio Lower Upper
 56 100
 52 0.0 0.0 31.8





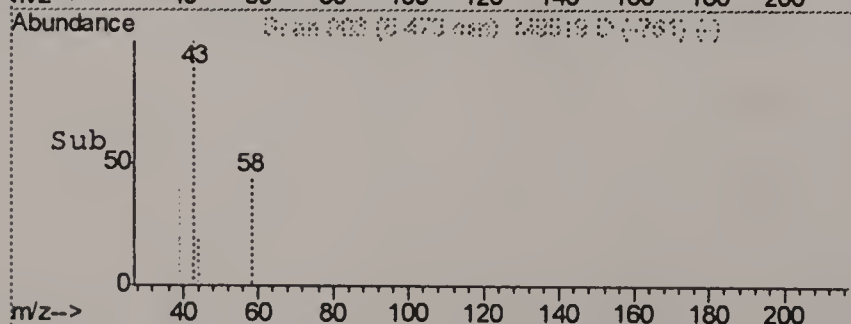
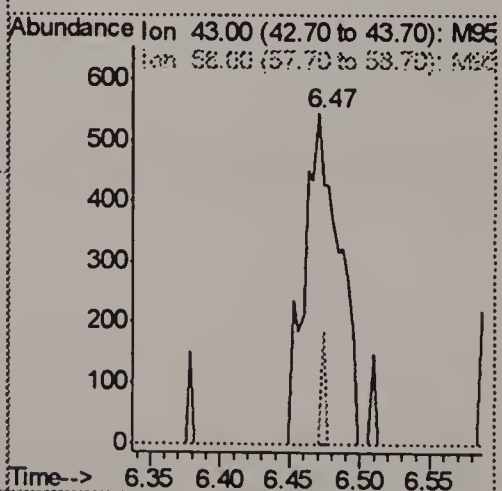
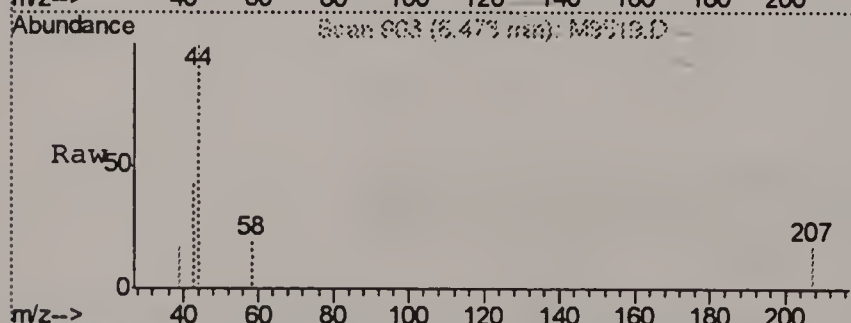
#16
1,1-dichloroethene
Concen: 1.67 ug/L m
RT: 6.95 min Scan# 1037
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

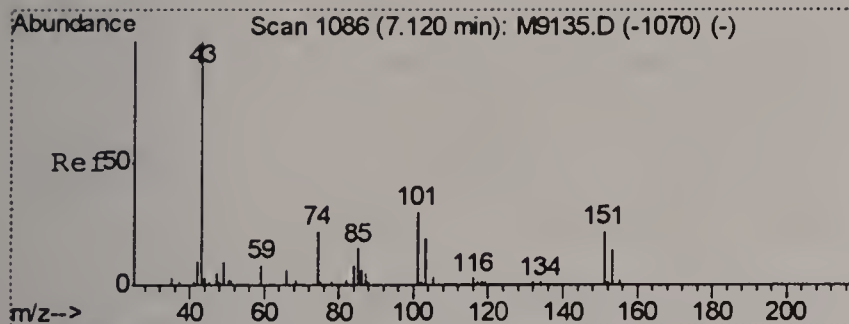
Tgt Ion: 96 Resp: 761
Ion Ratio Lower Upper
96 100
61 208.6 157.1 217.1
63 61.6 33.7 93.7



#17
acetone
Concen: 3.79 ug/L m
RT: 6.47 min Scan# 903
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

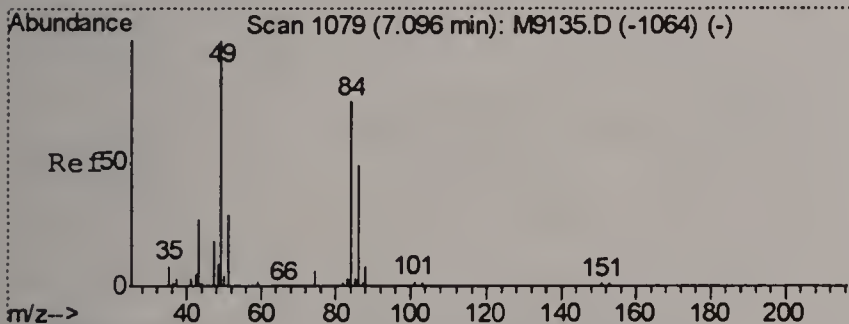
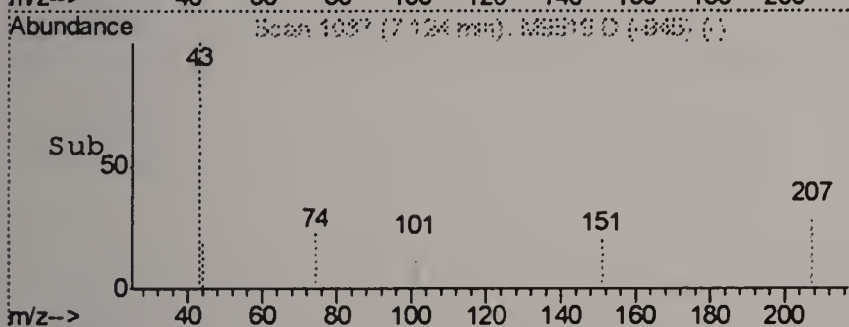
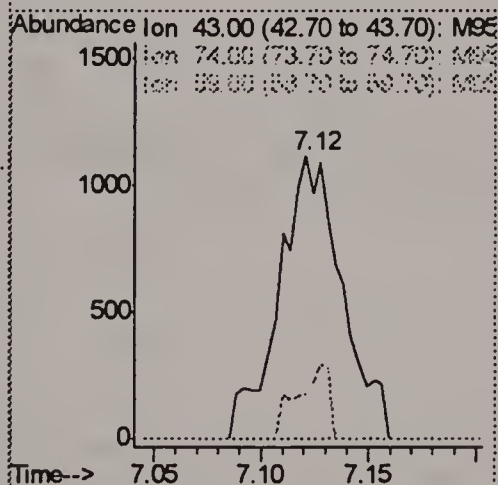
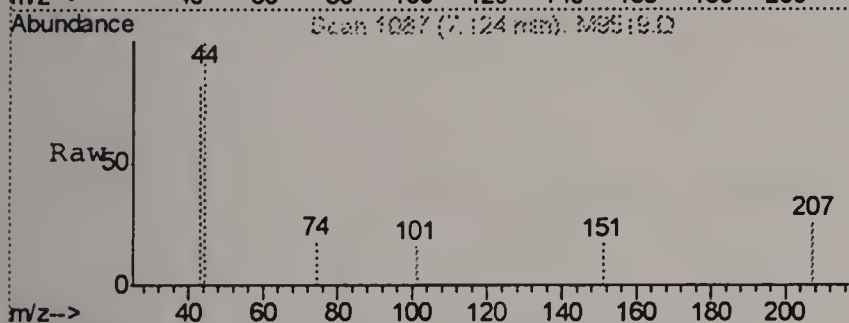
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 44.1 6.3 66.3





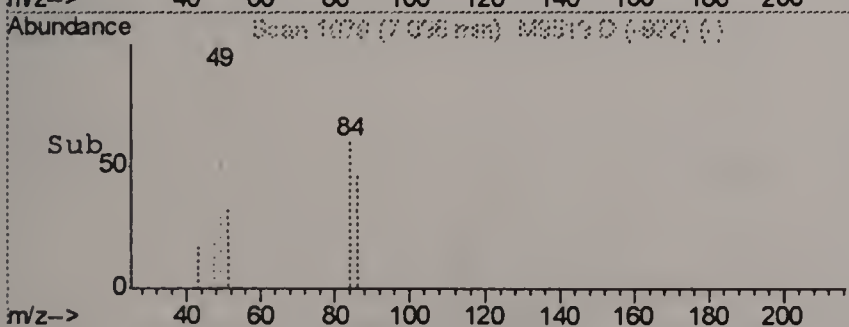
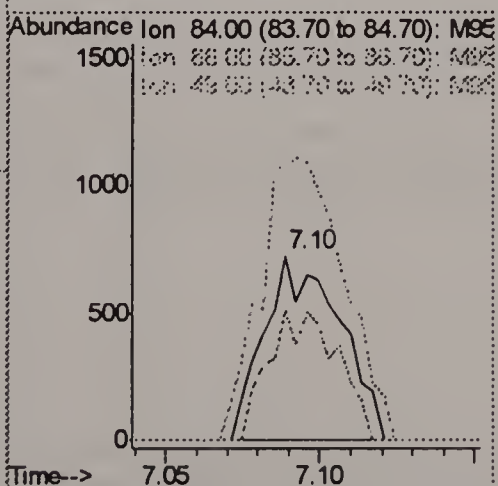
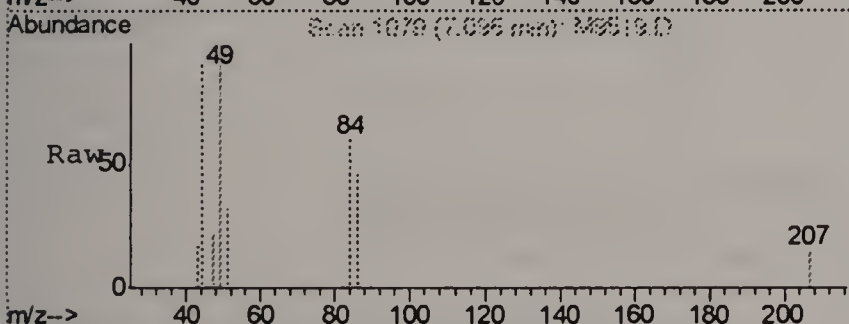
#18
Methyl Acetate
Concen: 2.56 ug/L
RT: 7.12 min Scan# 1087
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

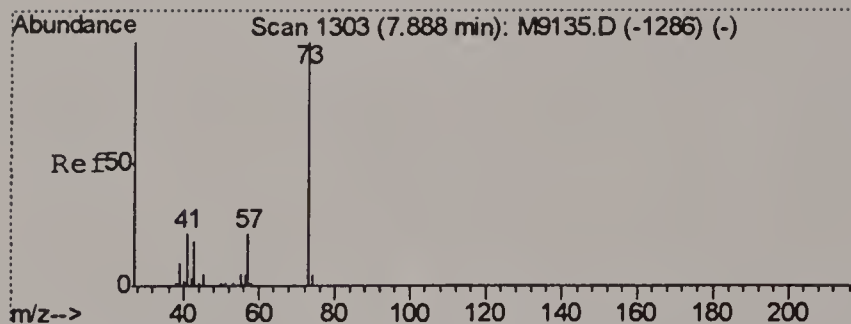
Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
74 22.8 1.4 41.4
59 0.0 0.0 28.8



#19
methylene chloride
Concen: 2.14 ug/L
RT: 7.10 min Scan# 1079
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

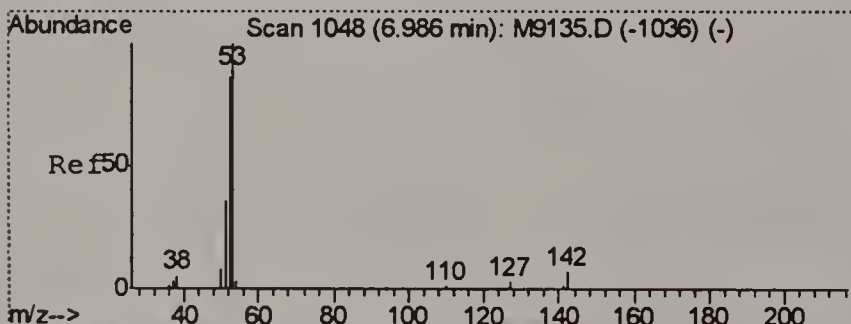
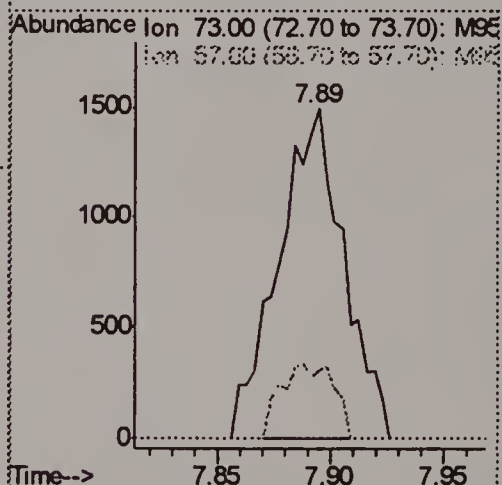
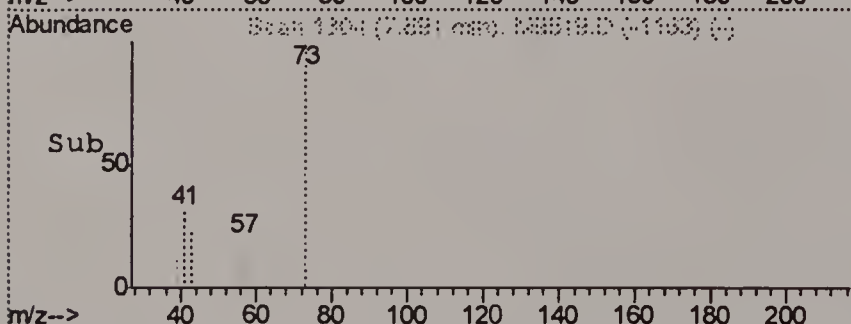
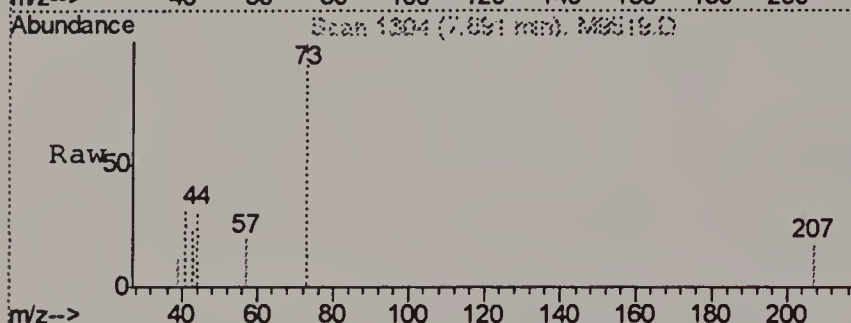
Tgt Ion: 84 Resp: 1236
Ion Ratio Lower Upper
84 100
86 77.3 33.8 93.8
49 167.4 112.7 172.7





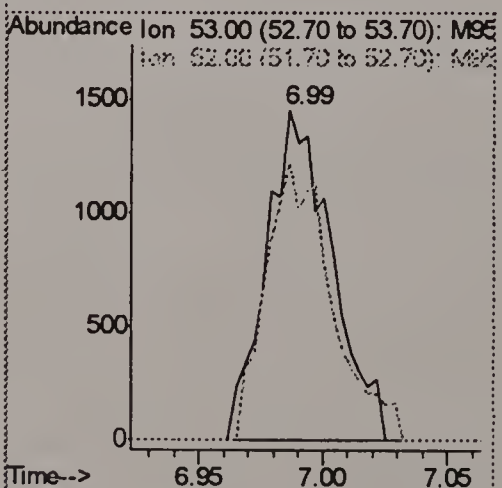
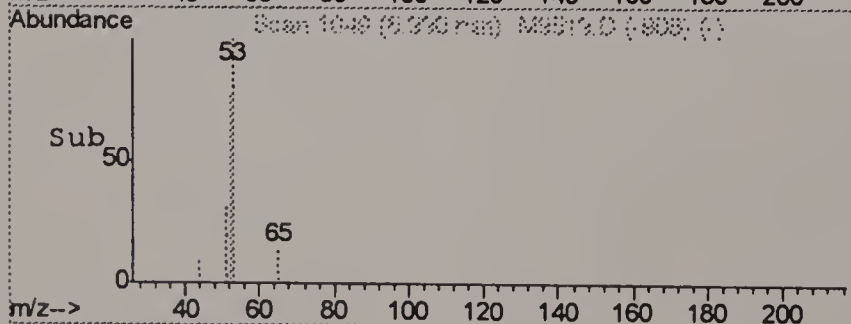
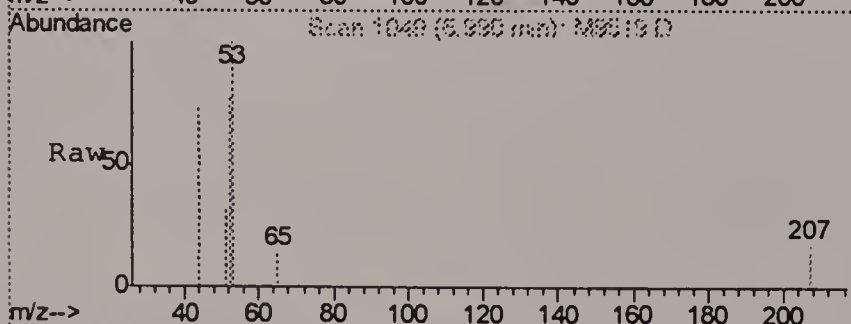
#20
methyl tert butyl ether
Concen: 1.44 ug/L
RT: 7.89 min Scan# 1304
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

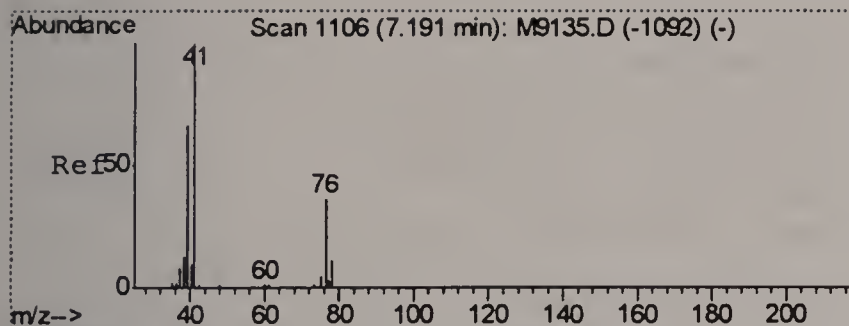
Tgt Ion: 73 Resp: 3000
Ion Ratio Lower Upper
73 100
57 20.4 0.0 53.7



#21
acrylonitrile
Concen: 9.88 ug/L
RT: 6.99 min Scan# 1049
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

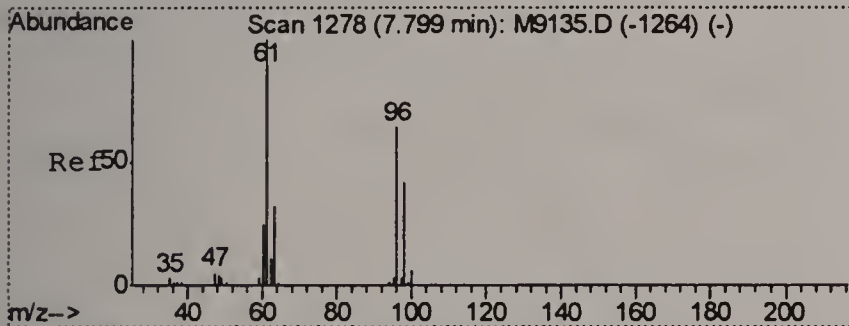
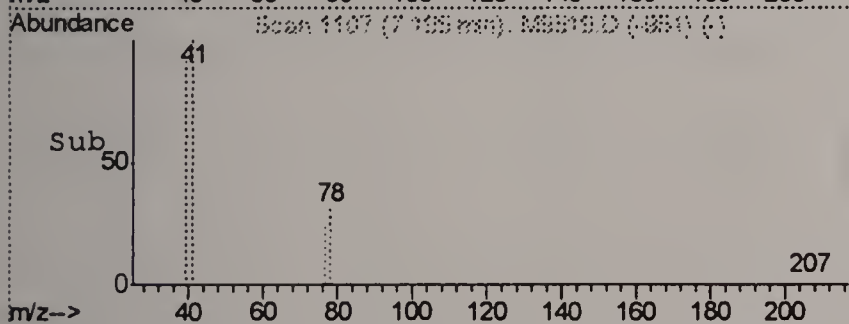
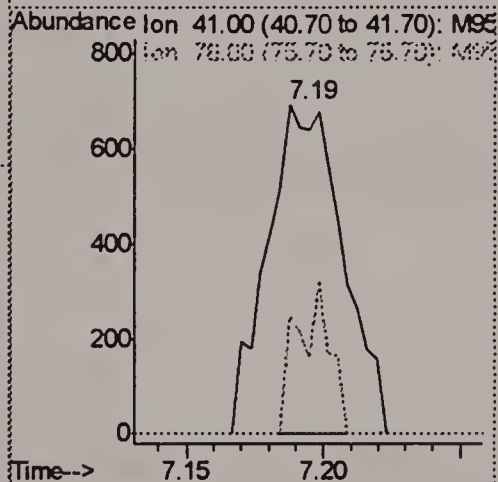
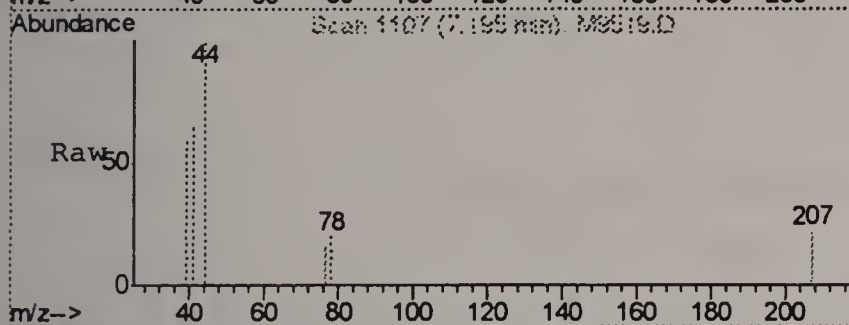
Tgt Ion: 53 Resp: 2681
Ion Ratio Lower Upper
53 100
52 78.2 49.1 109.1





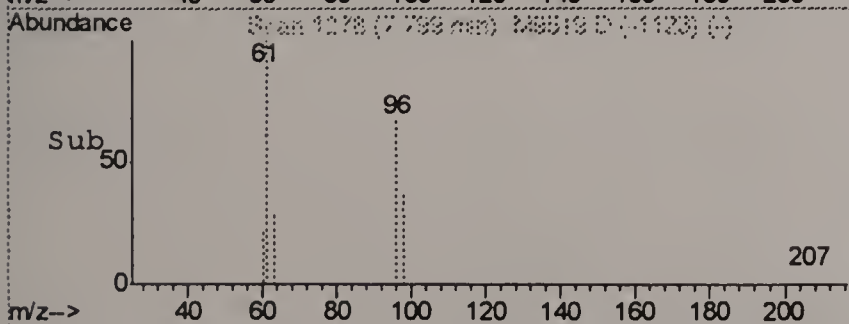
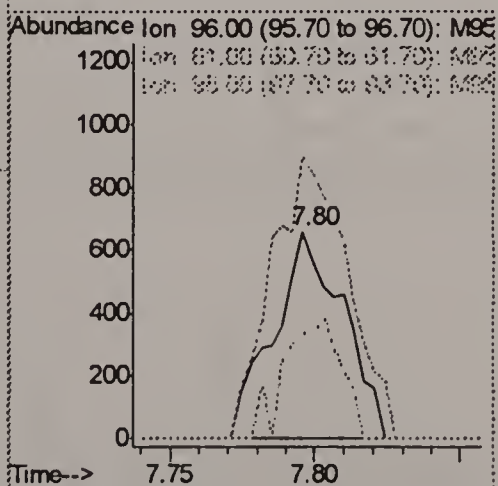
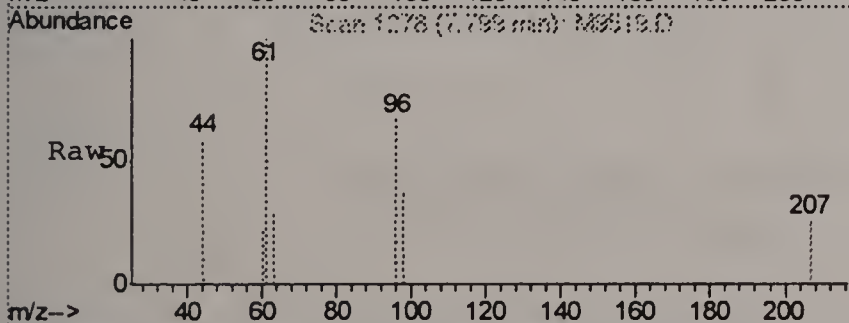
#22
allyl chloride
Concen: 2.23 ug/L
RT: 7.19 min Scan# 1107
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

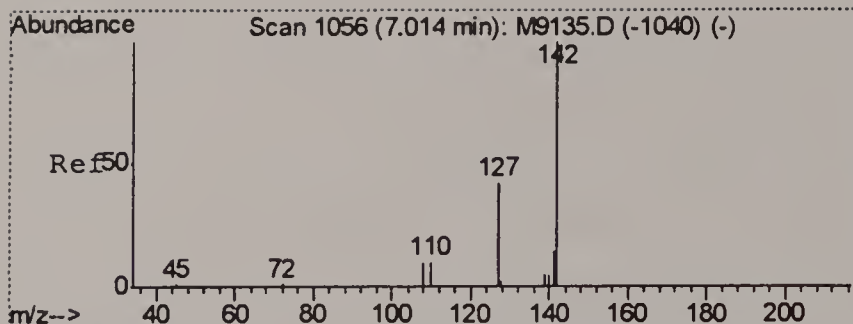
Tgt Ion: 41 Resp: 1332
Ion Ratio Lower Upper
41 100
76 25.2 6.3 66.3



#23
trans-1,2-dichloroethene
Concen: 1.59 ug/L
RT: 7.80 min Scan# 1278
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

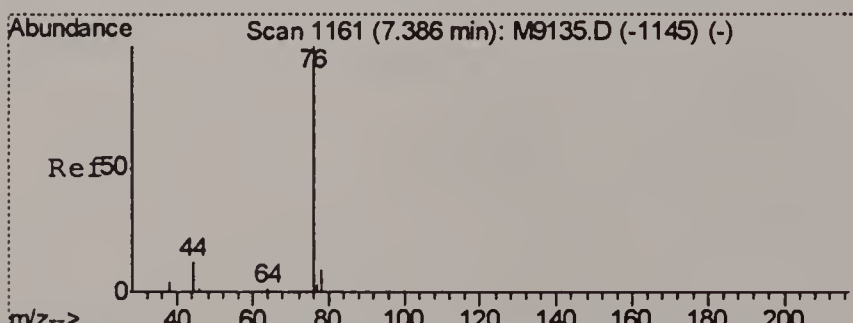
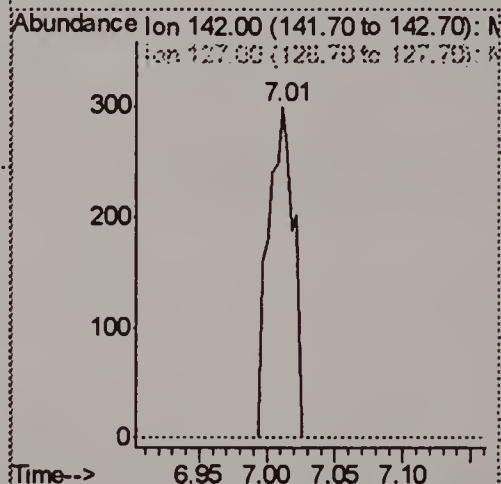
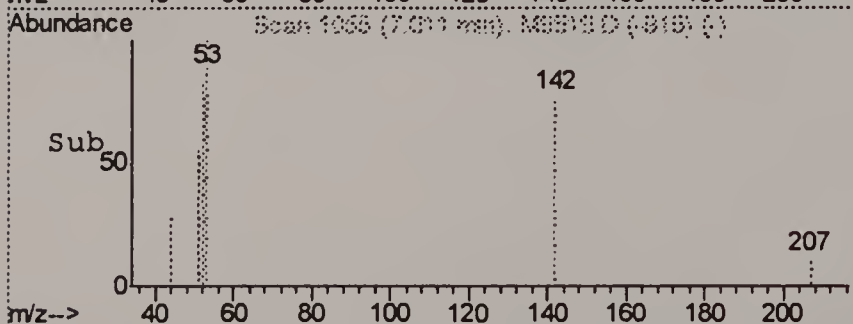
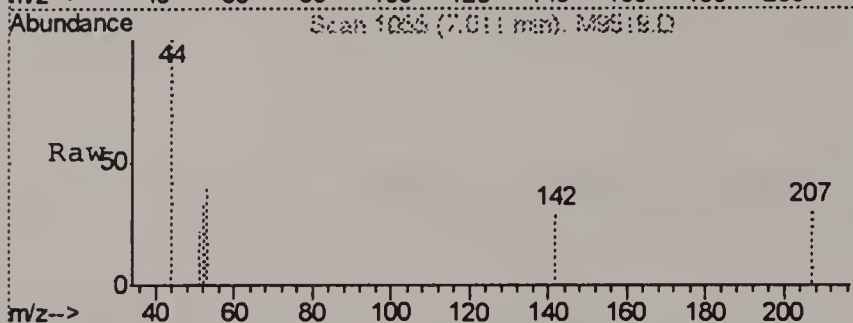
Tgt Ion: 96 Resp: 1095
Ion Ratio Lower Upper
96 100
61 149.7 131.0 191.0
98 56.6 31.3 91.3





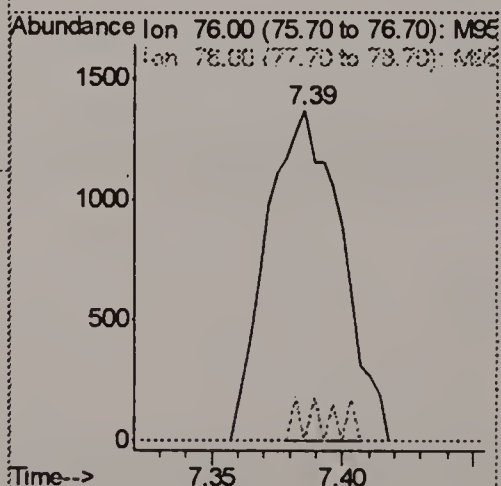
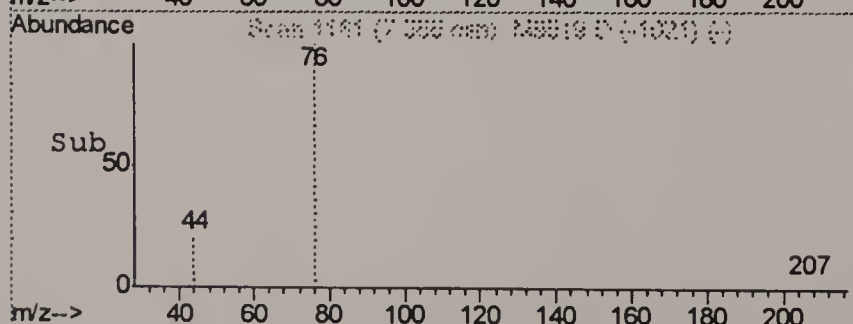
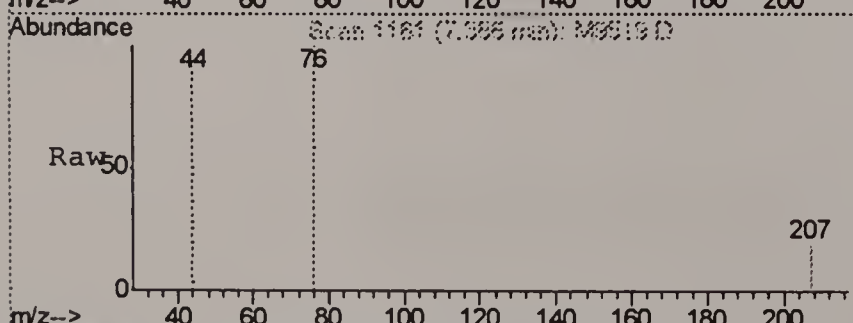
#24
iodomethane
Concen: 1.30 ug/L m
RT: 7.01 min Scan# 1055
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

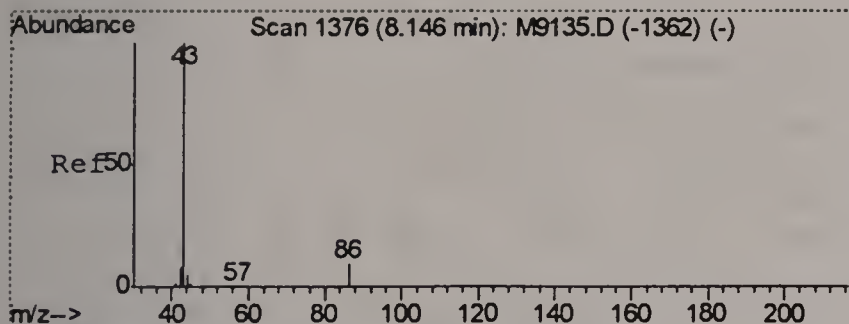
Tgt Ion: 142 Resp: 378
Ion Ratio Lower Upper
142 100
127 0.0 9.6 69.6#



#25
carbon disulfide
Concen: 1.64 ug/L
RT: 7.39 min Scan# 1161
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

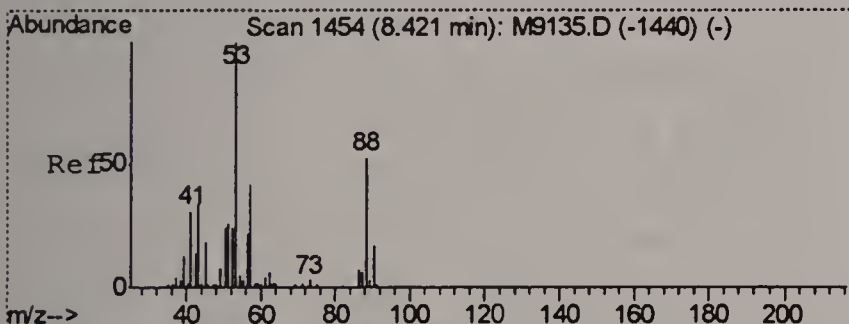
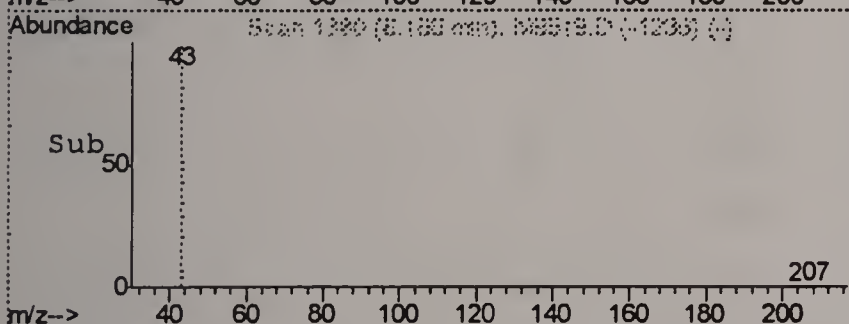
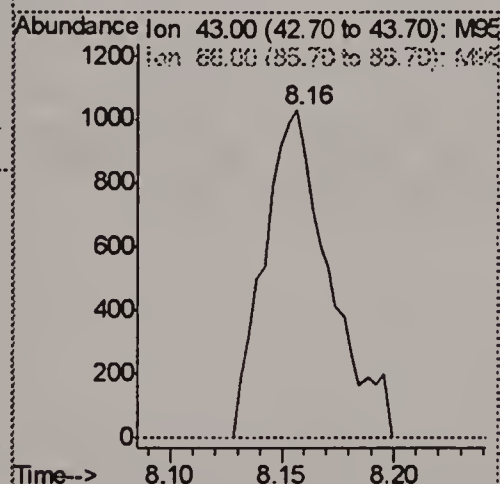
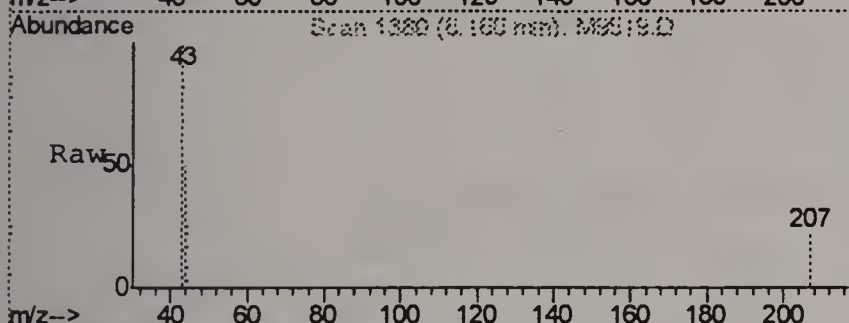
Tgt Ion: 76 Resp: 2739
Ion Ratio Lower Upper
76 100
78 0.0 0.0 39.1





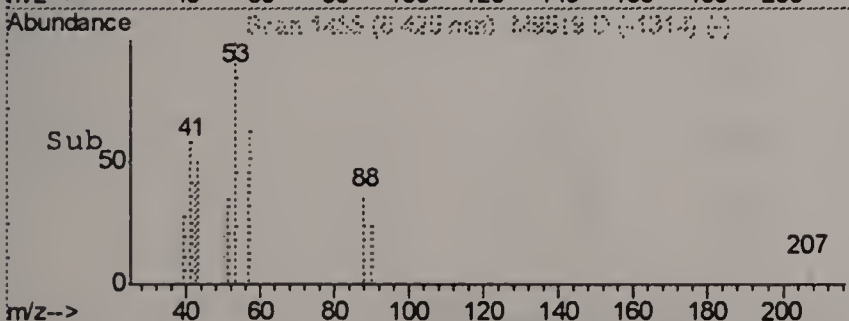
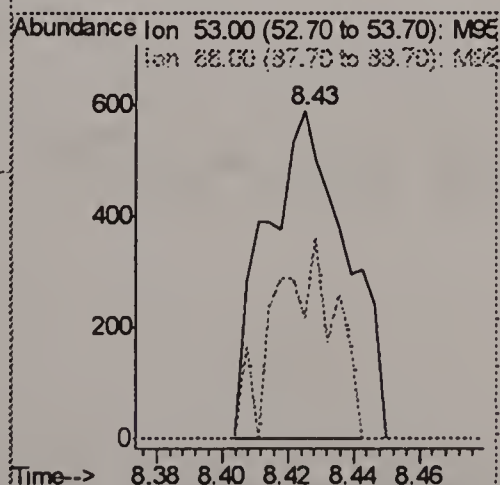
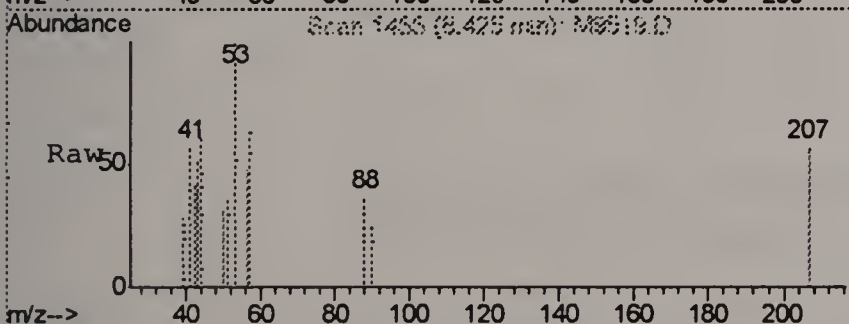
#27
vinyl acetate
Concen: 1.83 ug/L
RT: 8.16 min Scan# 1380
Delta R.T. 0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

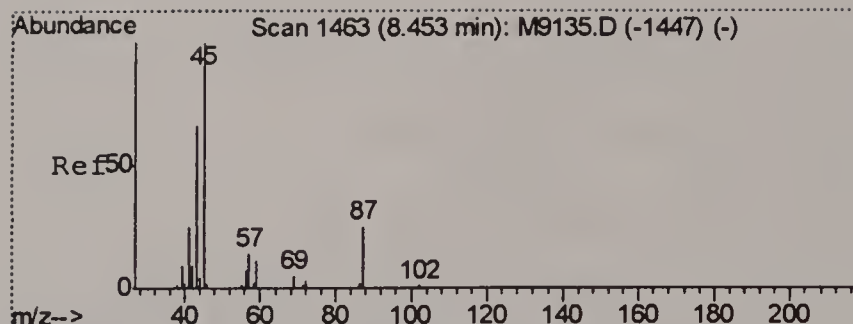
Tgt Ion	Resp	Ratio	Lower	Upper
43	100			
86	0.0	0.0	38.3	



#28
chloroprene
Concen: 0.92 ug/L
RT: 8.43 min Scan# 1455
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

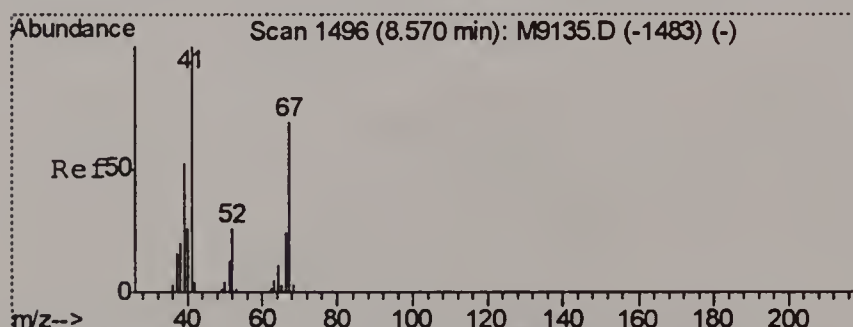
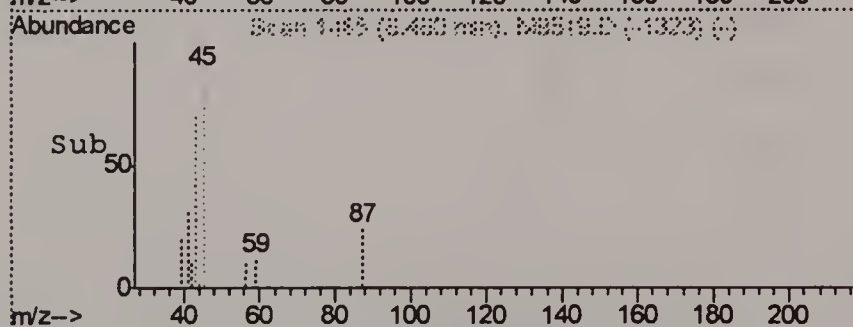
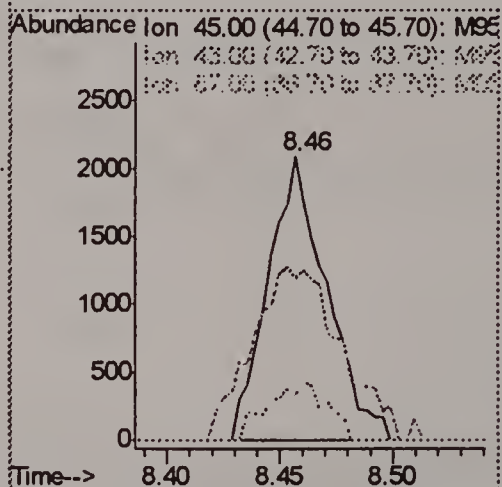
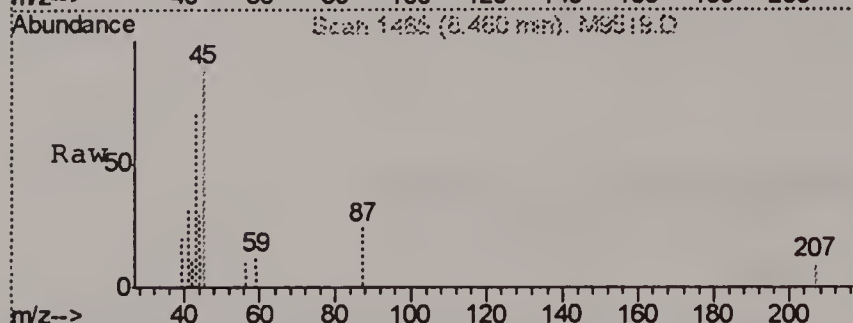
Tgt Ion	Resp	Ratio	Lower	Upper
53	100			
88	36.9	20.0	80.0	





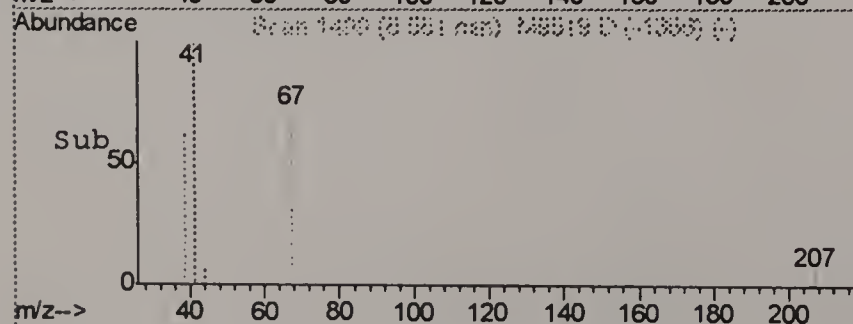
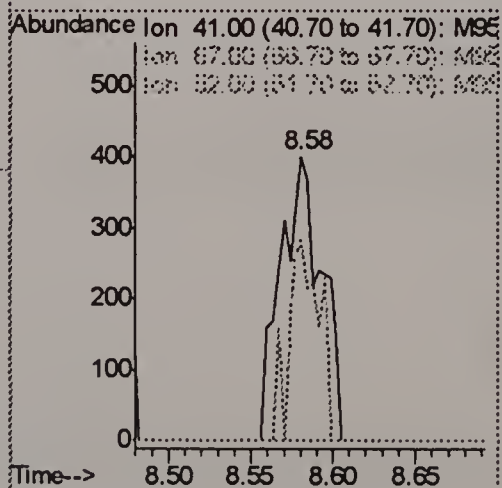
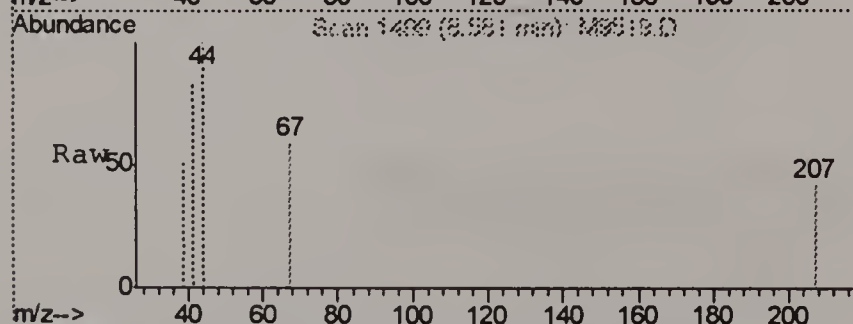
#29
di-isopropyl ether
Concen: 1.33 ug/L
RT: 8.46 min Scan# 1465
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

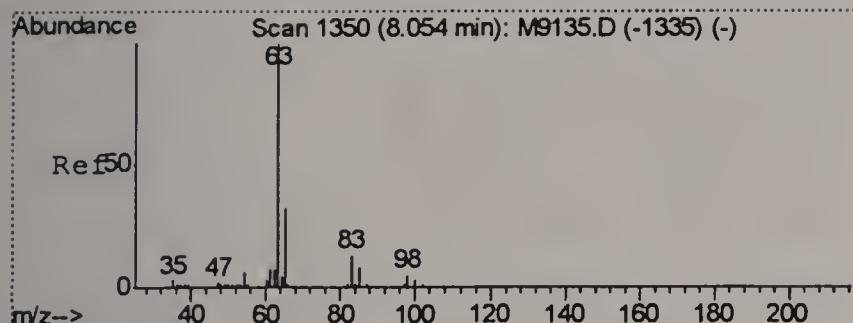
Tgt Ion: 45 Resp: 3776
Ion Ratio Lower Upper
45 100
43 70.9 35.7 95.7
87 24.3 0.0 52.0



#30
methacrylonitrile
Concen: 1.19 ug/L m
RT: 8.58 min Scan# 1499
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

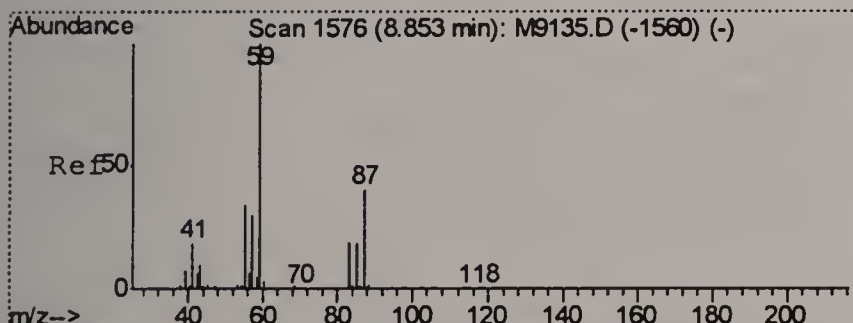
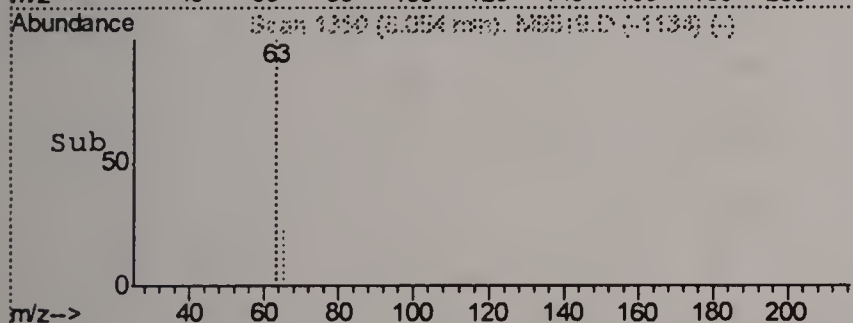
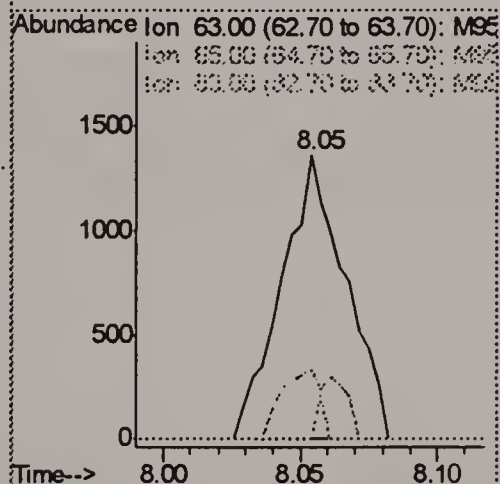
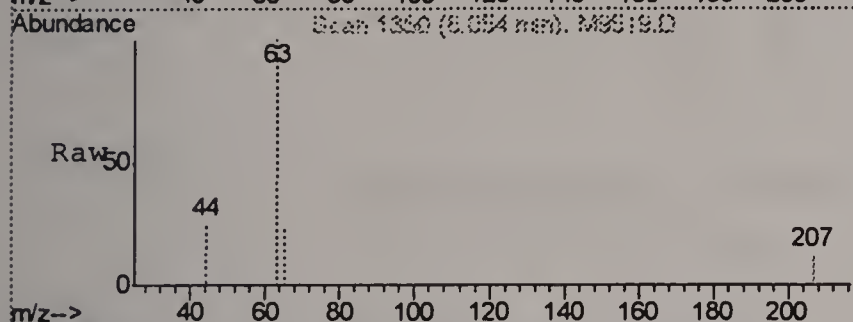
Tgt Ion: 41 Resp: 702
Ion Ratio Lower Upper
41 100
67 70.8 39.2 99.2
52 0.0 0.0 58.8





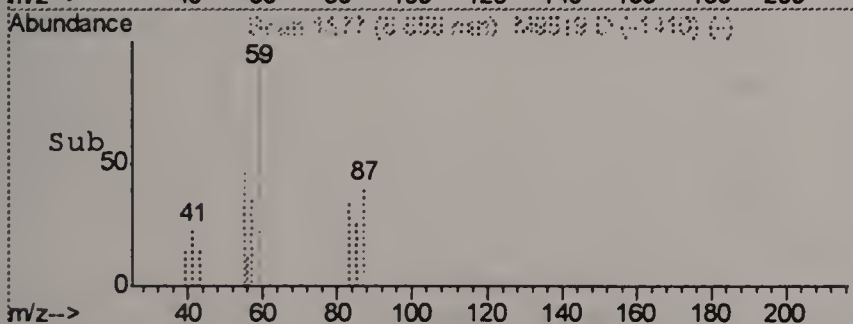
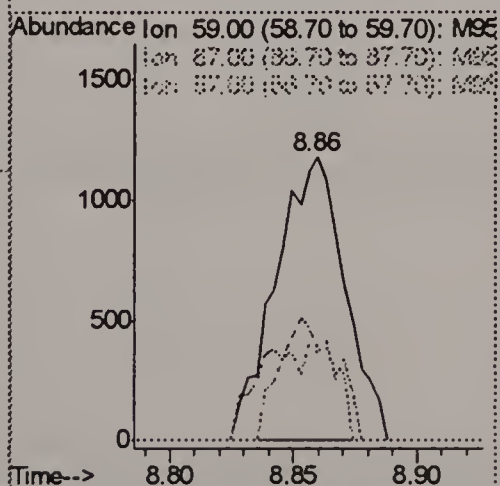
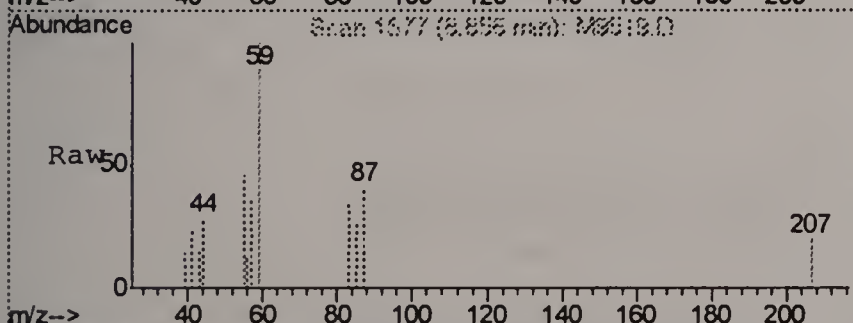
#33
1,1-dichloroethane
Concen: 1.62 ug/L
RT: 8.05 min Scan# 1350
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

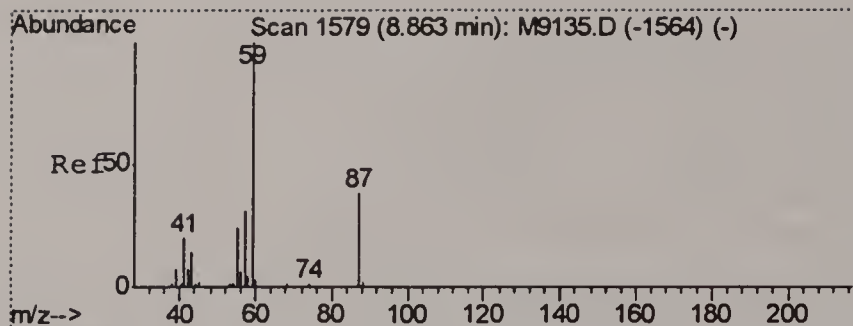
Tgt Ion: 63 Resp: 2221
Ion Ratio Lower Upper
63 100
65 24.7 1.3 61.3
83 0.0 0.0 42.7



#34
tert-butyl ethyl ether
Concen: 1.12 ug/L
RT: 8.86 min Scan# 1577
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

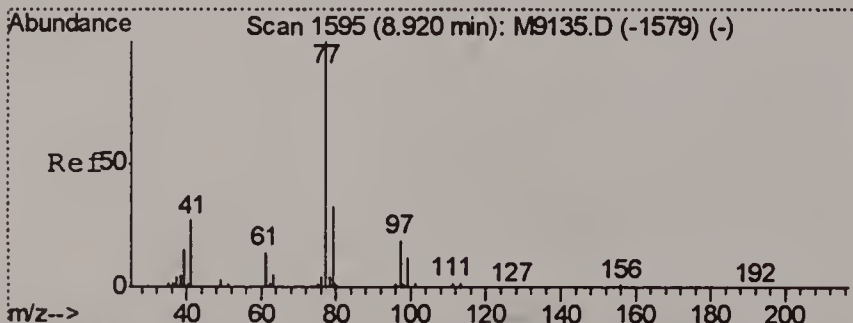
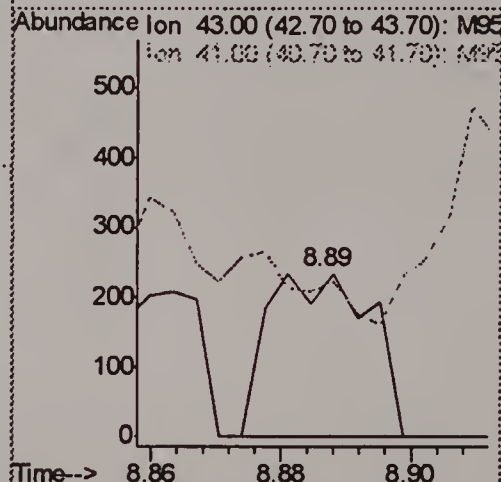
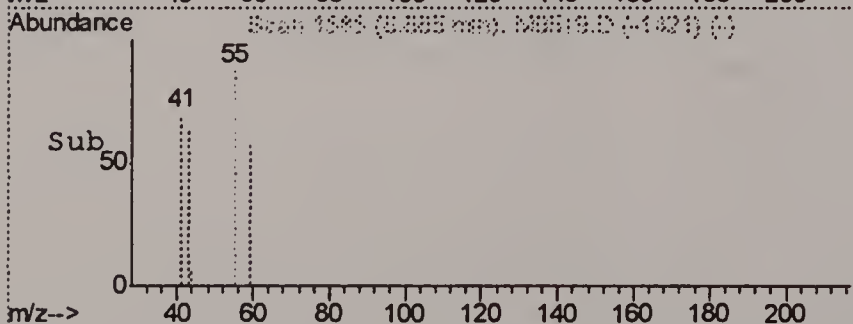
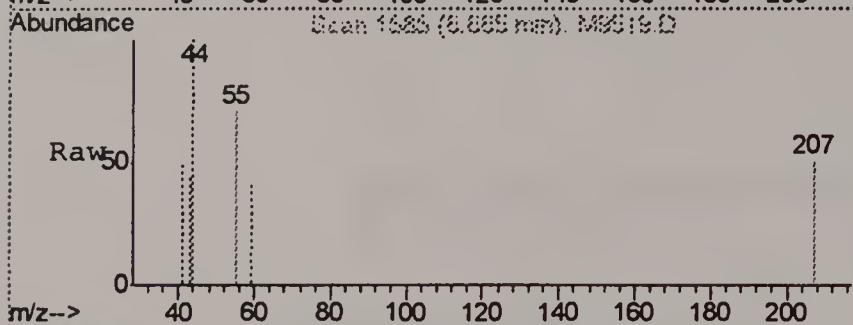
Tgt Ion: 59 Resp: 2304
Ion Ratio Lower Upper
59 100
87 41.4 7.1 67.1
57 37.3 3.0 63.0





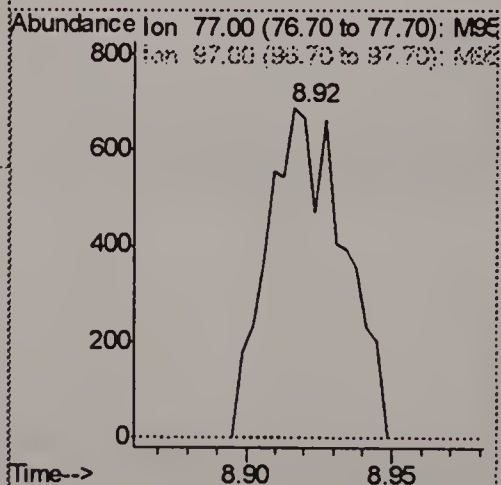
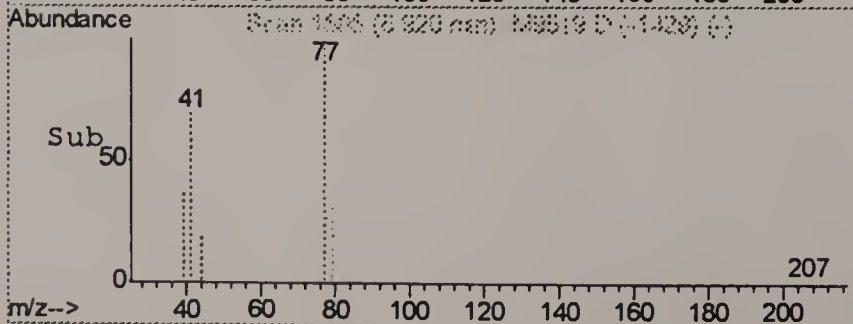
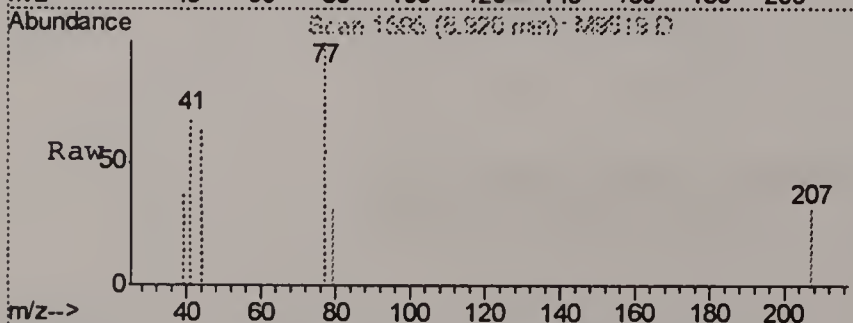
#35
isobutyl alcohol
Concen: 5.79 ug/L m
RT: 8.88 min Scan# 1585
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

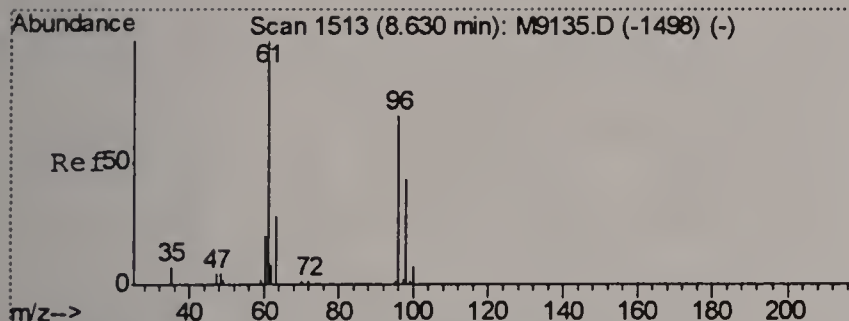
Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
41 109.4 84.2 144.2



#36
2,2-dichloropropane
Concen: 1.31 ug/L
RT: 8.92 min Scan# 1595
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

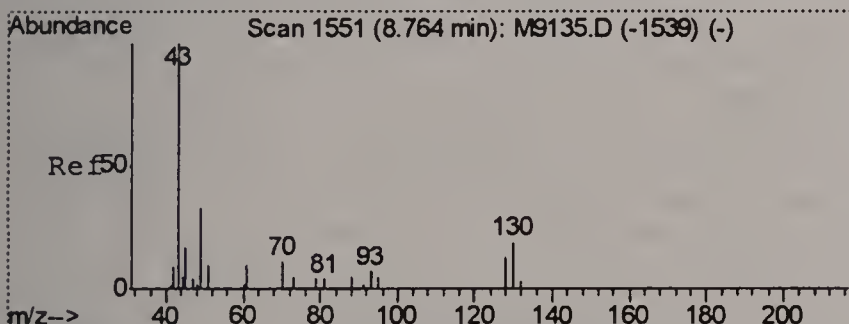
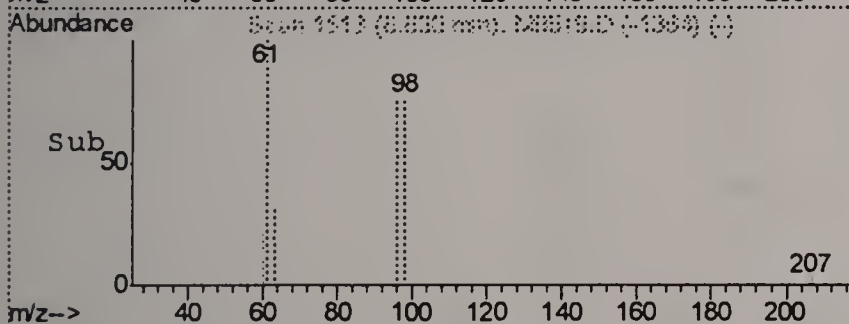
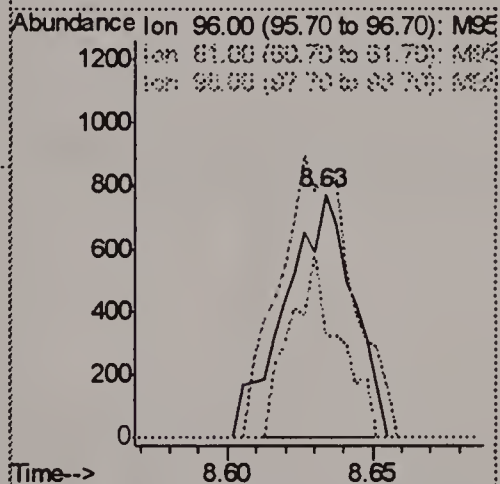
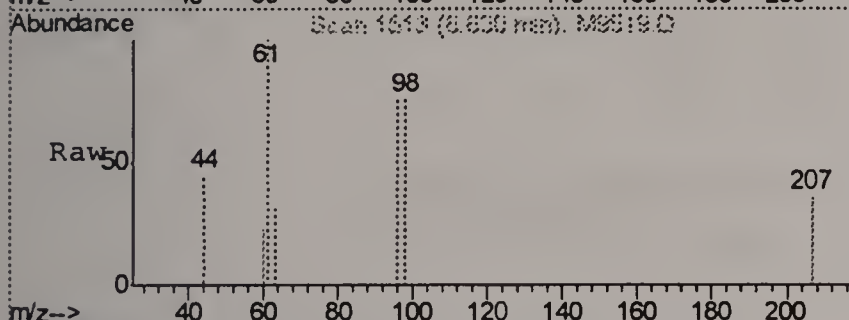
Tgt Ion: 77 Resp: 1263
Ion Ratio Lower Upper
77 100
97 0.0 0.0 50.2





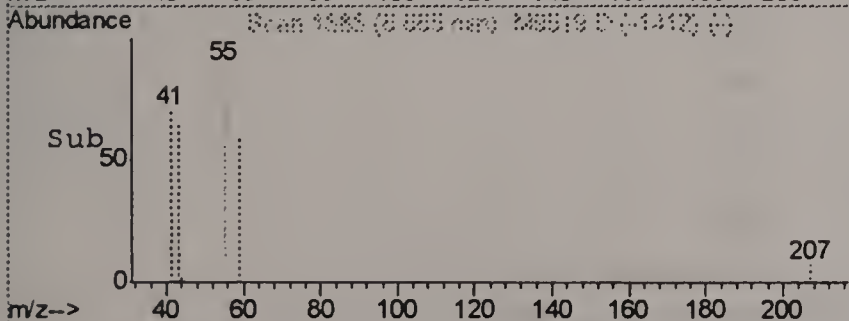
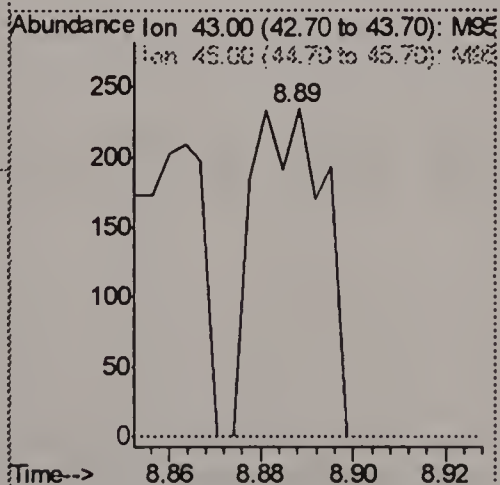
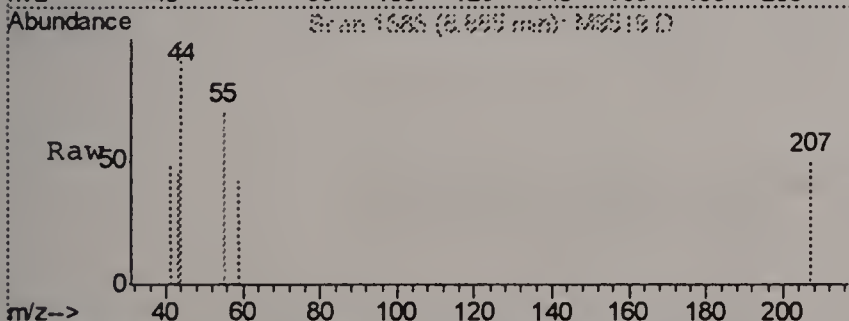
#37
 cis-1,2-dichloroethene
 Concen: 1.59 ug/L
 RT: 8.63 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

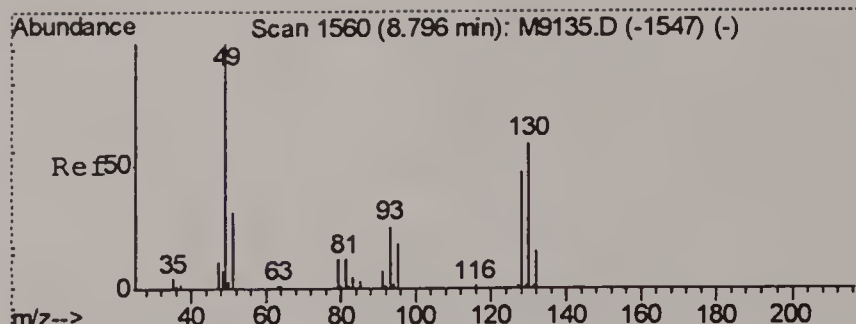
Tgt Ion: 96 Resp: 1256
 Ion Ratio Lower Upper
 96 100
 61 132.6 120.4 180.4
 98 100.2 33.6 93.6#



#38
 ethyl acetate
 Concen: 1.49 ug/L m
 RT: 8.88 min Scan# 1585
 Delta R.T. 0.11 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

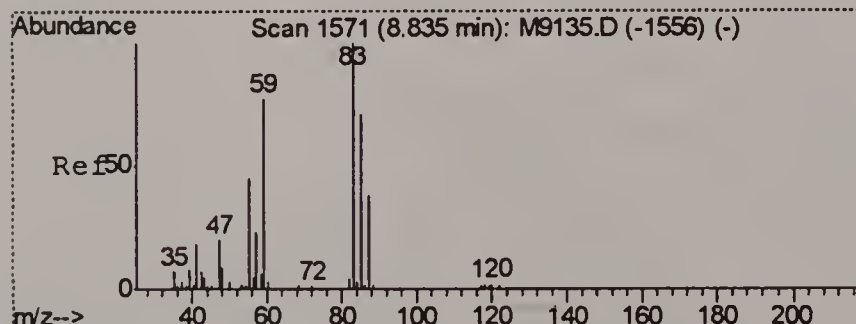
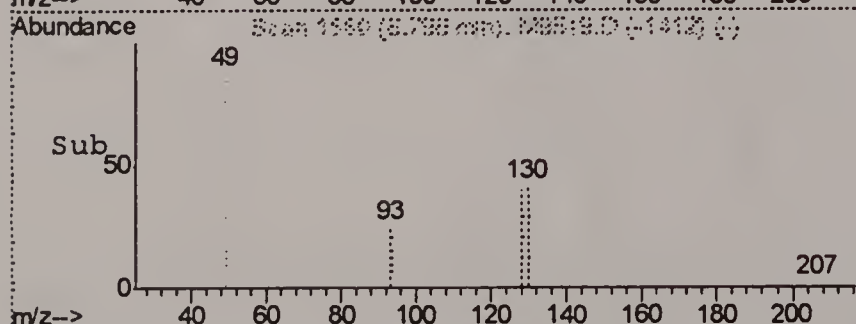
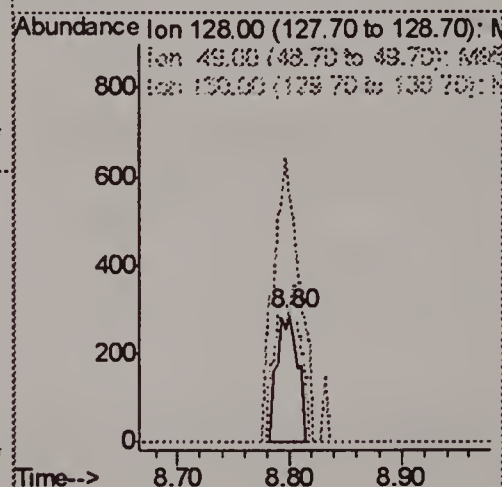
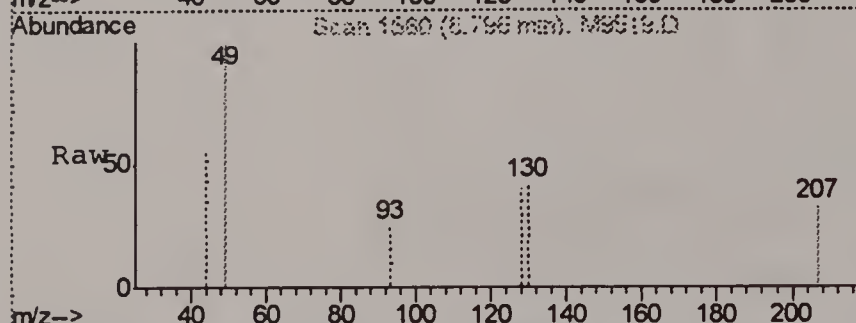
Tgt Ion: 43 Resp: 257
 Ion Ratio Lower Upper
 43 100
 45 0.0 0.0 46.8





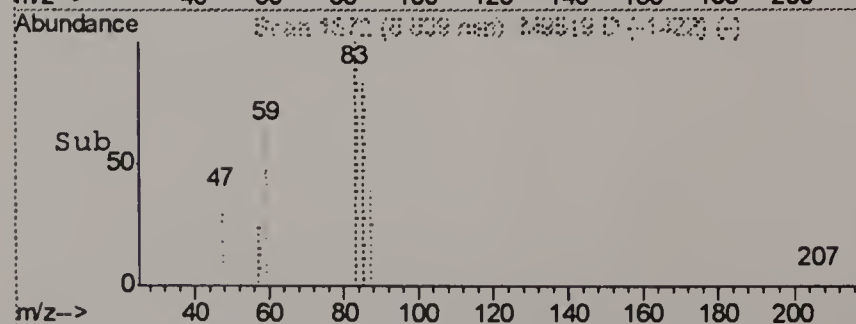
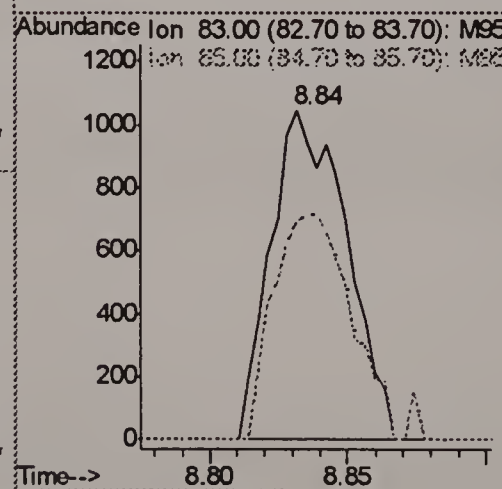
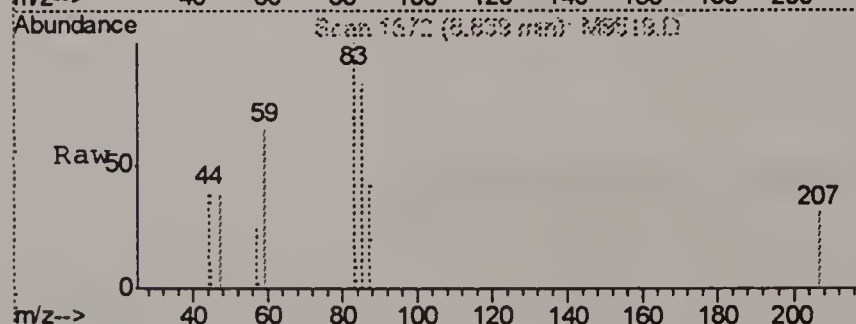
#39
bromochloromethane
Concen: 1.40 ug/L m
RT: 8.80 min Scan# 1560
Delta R.T. -0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

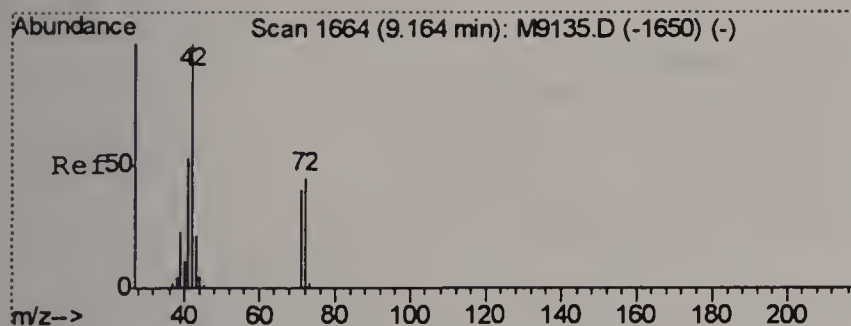
Tgt Ion:	128	Resp:	369
Ion	Ratio	Lower	Upper
128	100		
49	252.8	213.7	273.7
130	105.1	96.9	156.9



#40
chloroform
Concen: 1.61 ug/L
RT: 8.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

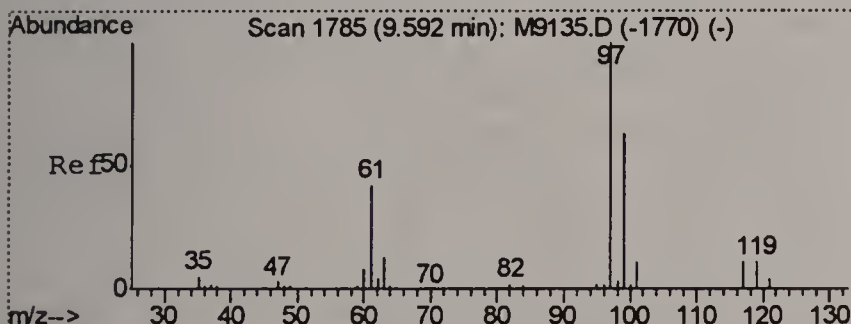
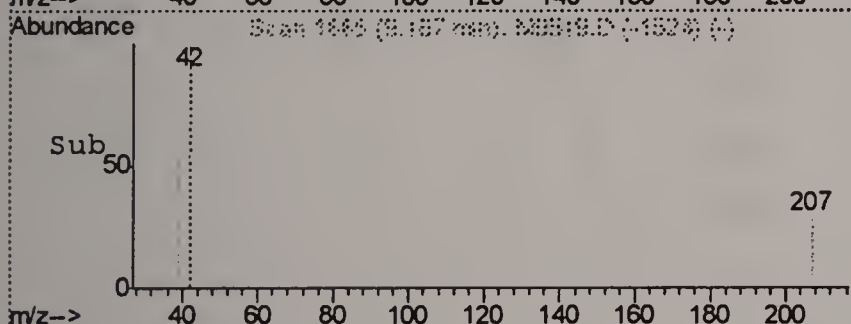
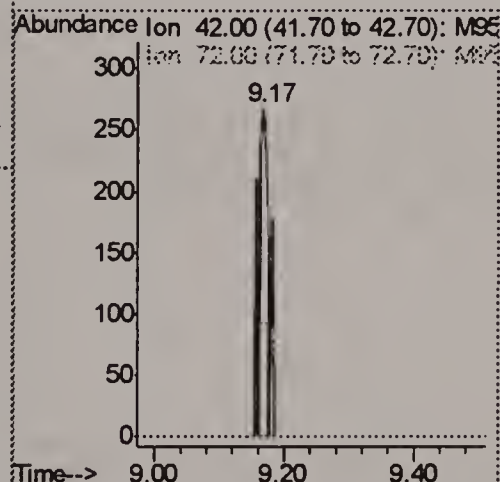
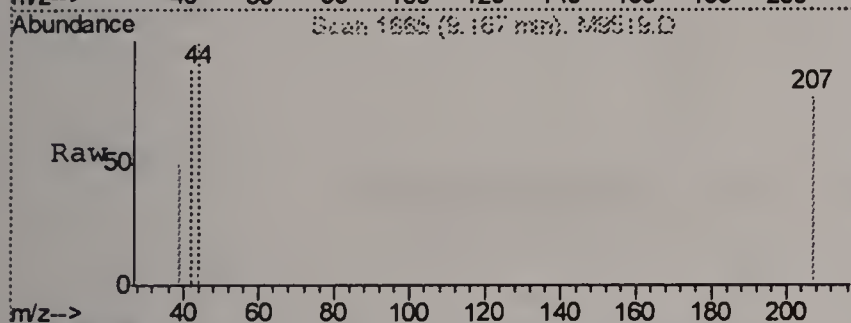
Tgt Ion:	83	Resp:	2005
Ion	Ratio	Lower	Upper
83	100		
85	83.2	41.6	101.6





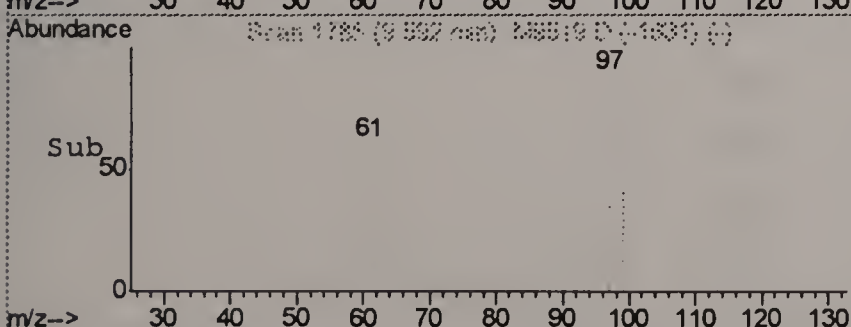
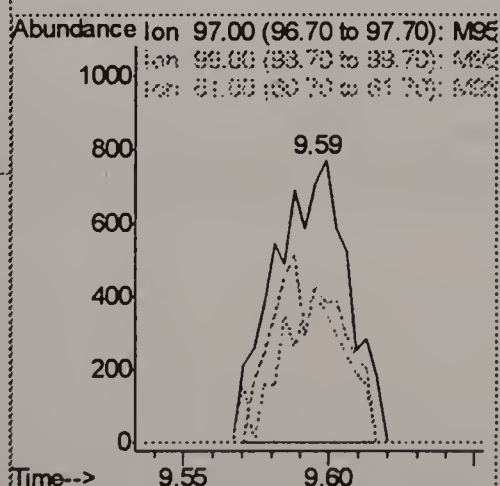
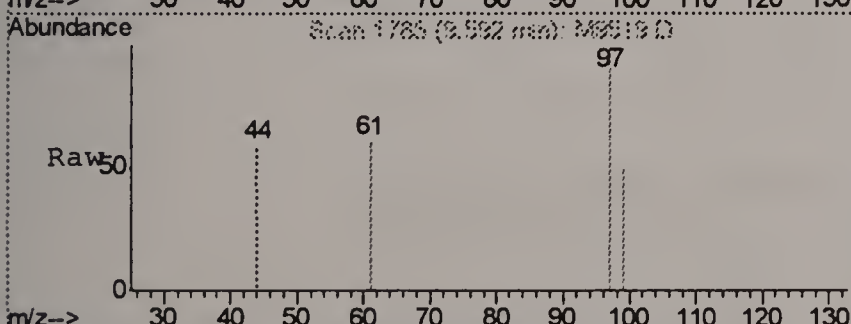
#42
Tetrahydrofuran
Concen: 0.97 ug/L m
RT: 9.17 min Scan# 1665
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

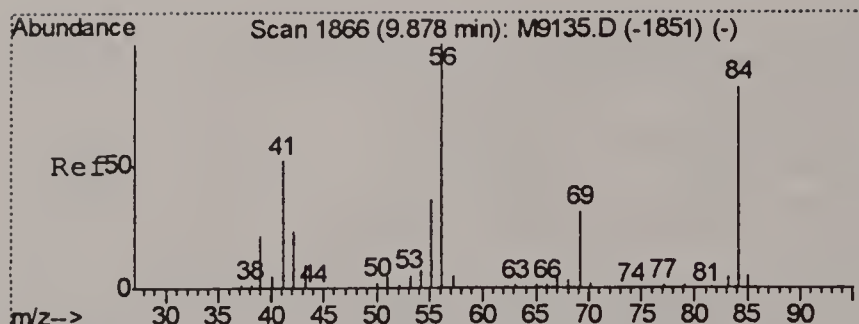
Tgt Ion: 42 Resp: 280
Ion Ratio Lower Upper
42 100
72 0.0 14.8 74.8#



#43
1,1,1-trichloroethane
Concen: 1.39 ug/L
RT: 9.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

Tgt Ion: 97 Resp: 1375
Ion Ratio Lower Upper
97 100
99 50.3 32.4 92.4
61 61.5 18.1 78.1





#45

Cyclohexane

Concen: 0.88 ug/L

RT: 9.88 min Scan# 1867

Delta R.T. -0.00 min

Lab File: M9519.D

Acq: 5 May 2006 9:46 am

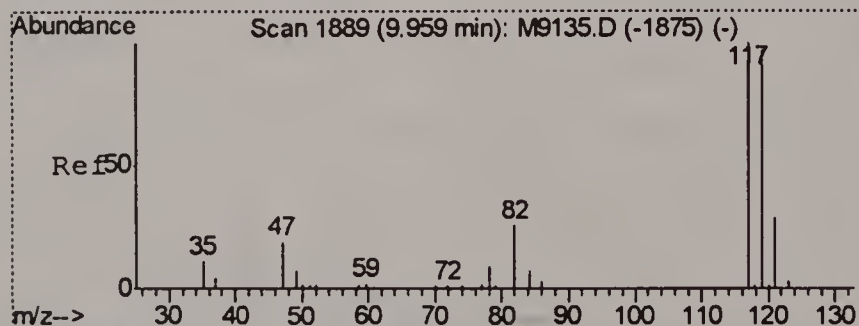
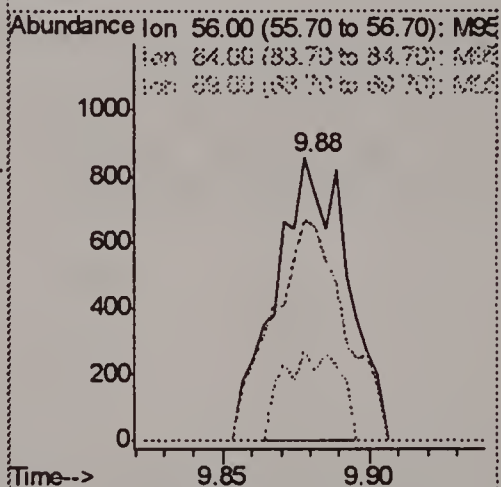
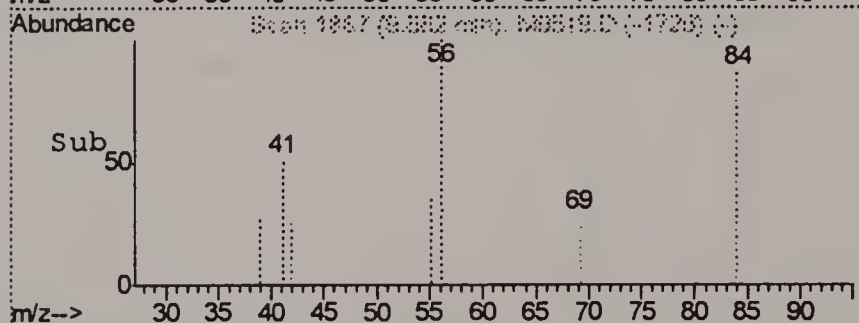
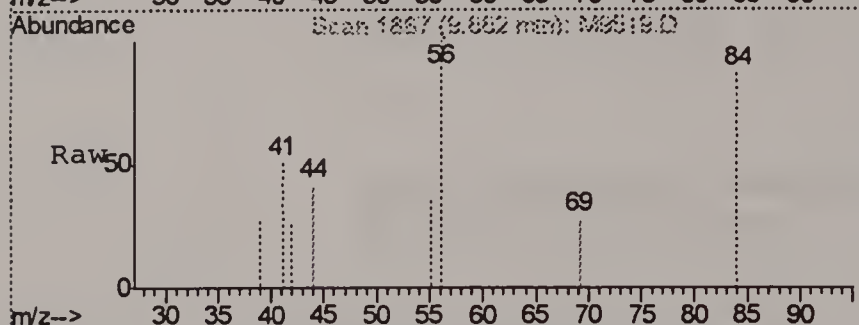
Tgt Ion: 56 Resp: 1461

Ion Ratio Lower Upper

56 100

84 86.8 53.2 93.2

69 27.8 6.1 46.1



#46

carbon tetrachloride

Concen: 1.06 ug/L m

RT: 9.96 min Scan# 1890

Delta R.T. -0.00 min

Lab File: M9519.D

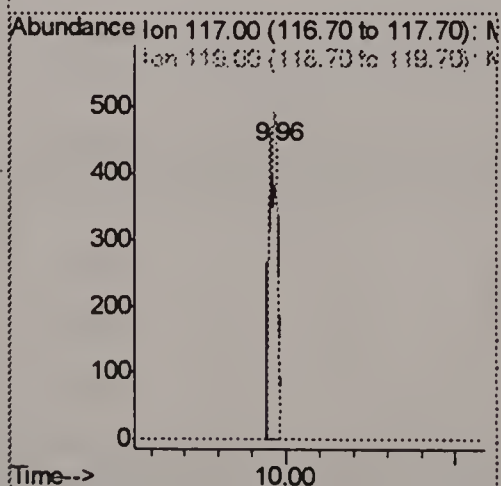
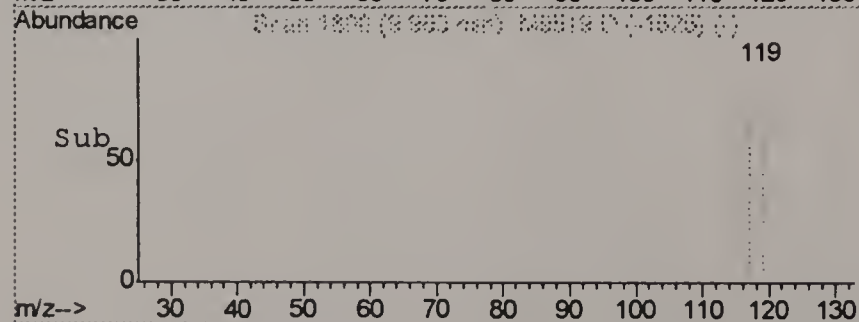
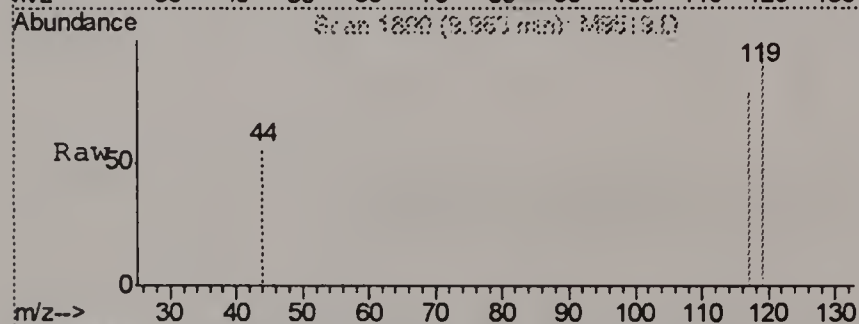
Acq: 5 May 2006 9:46 am

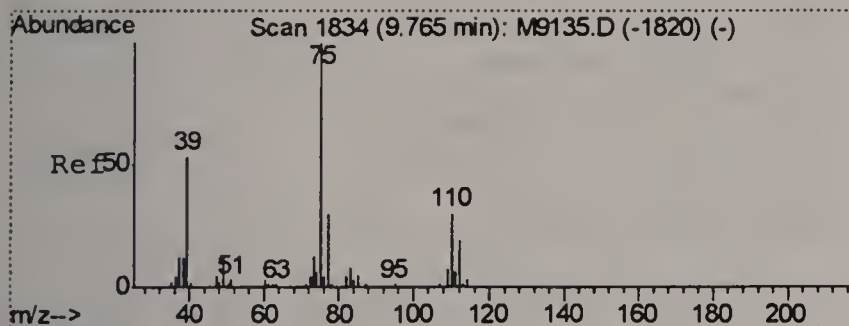
Tgt Ion: 117 Resp: 791

Ion Ratio Lower Upper

117 100

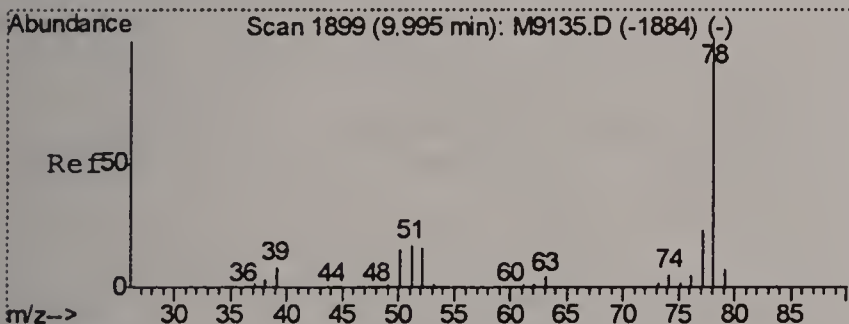
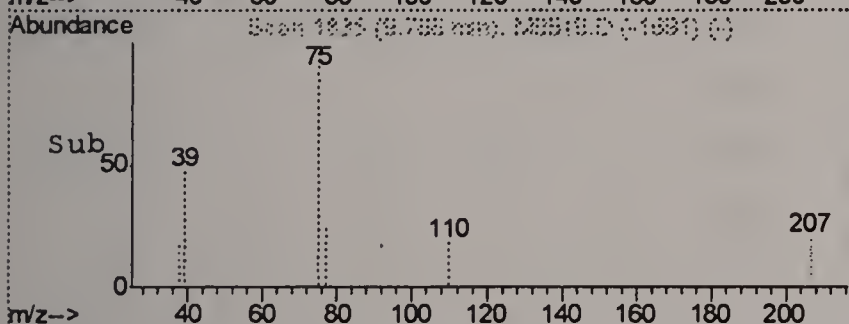
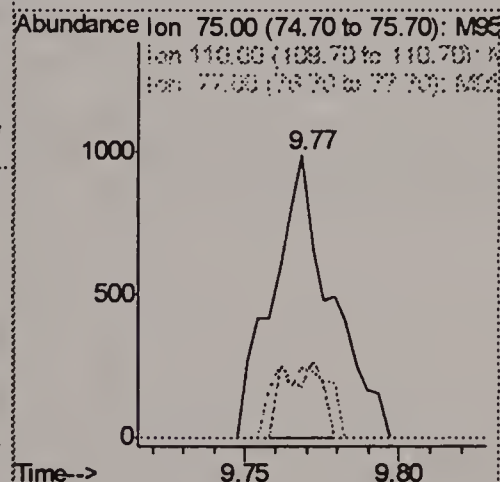
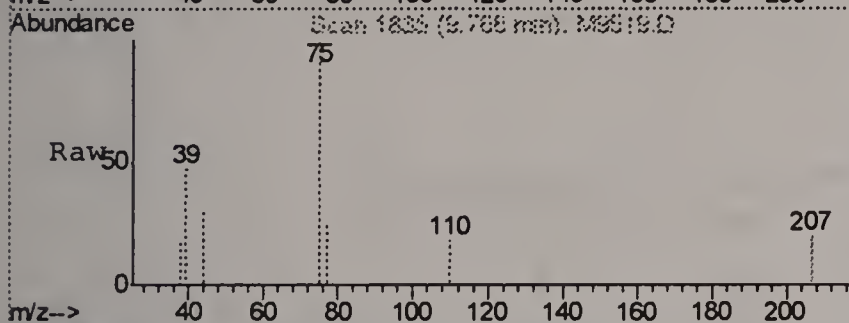
119 127.5 67.4 127.4#





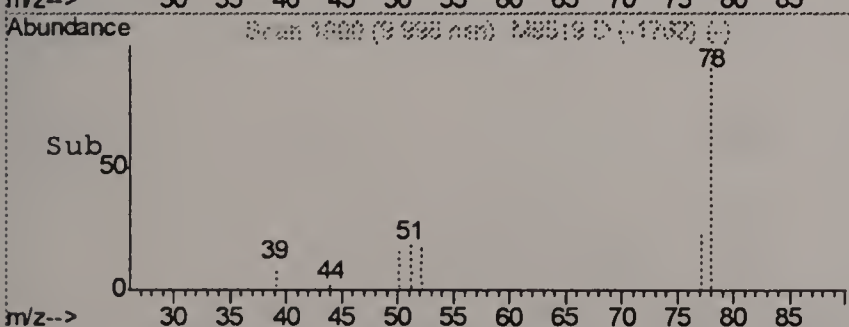
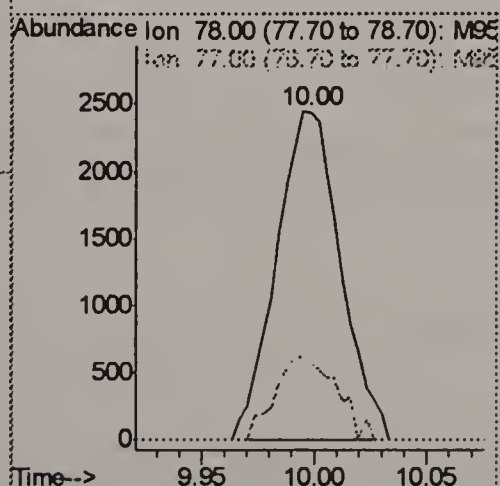
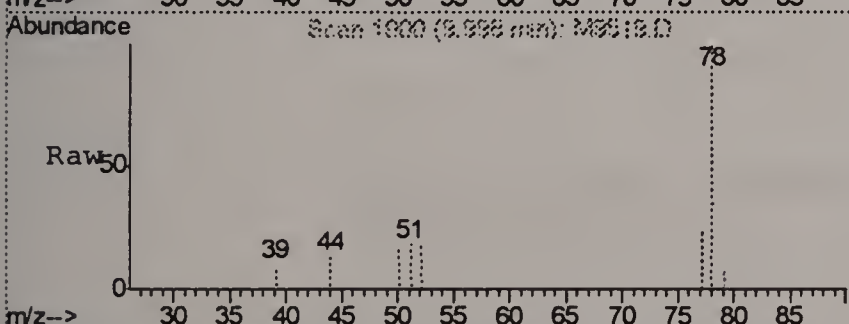
#47
1,1-dichloropropene
Concen: 1.14 ug/L
RT: 9.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

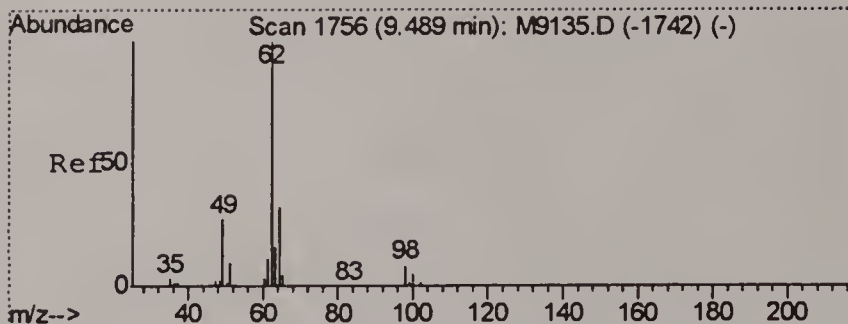
Tgt Ion: 75 Resp: 1298
Ion Ratio Lower Upper
75 100
110 17.9 1.0 61.0
77 24.6 1.6 61.6



#48
benzene
Concen: 1.48 ug/L
RT: 10.00 min Scan# 1900
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

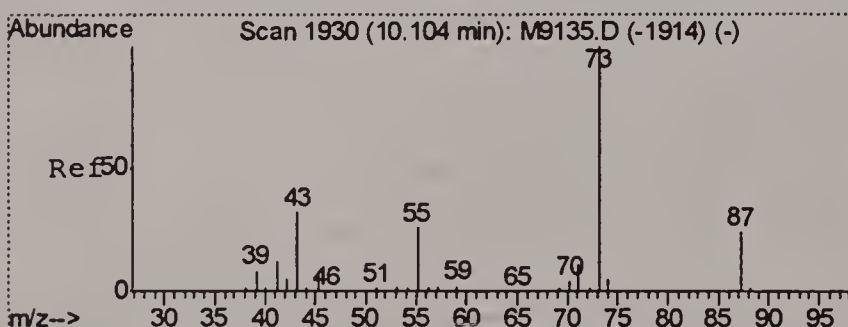
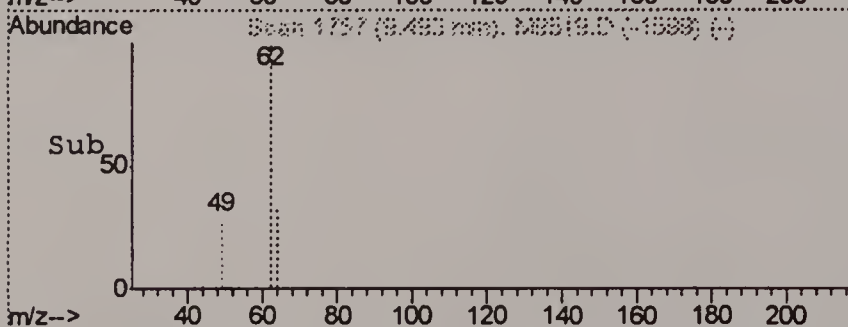
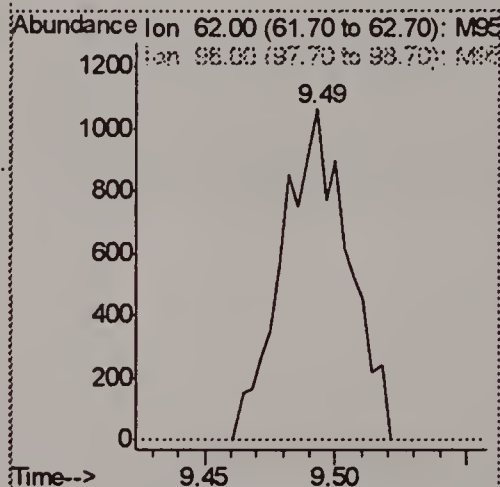
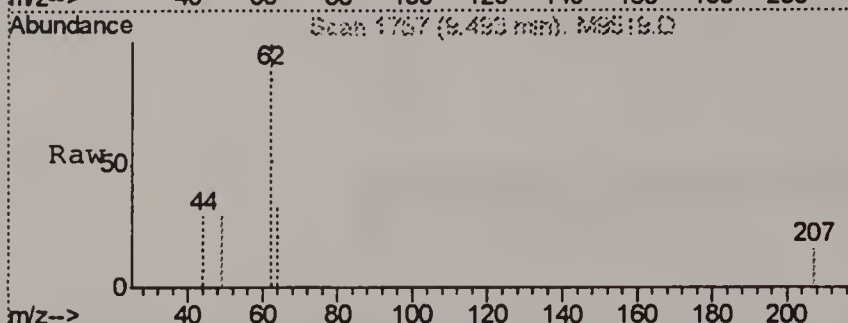
Tgt Ion: 78 Resp: 4871
Ion Ratio Lower Upper
78 100
77 23.5 0.0 53.3





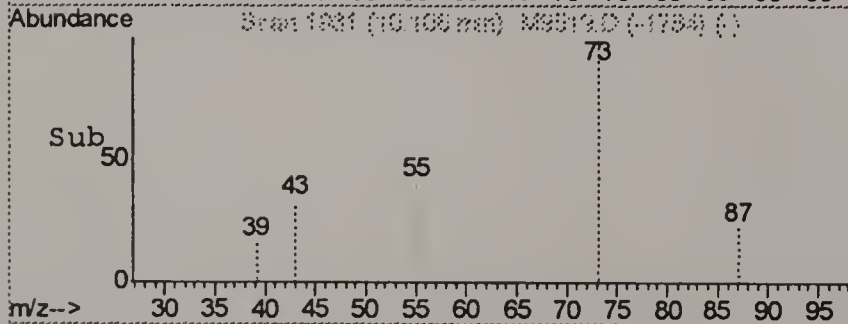
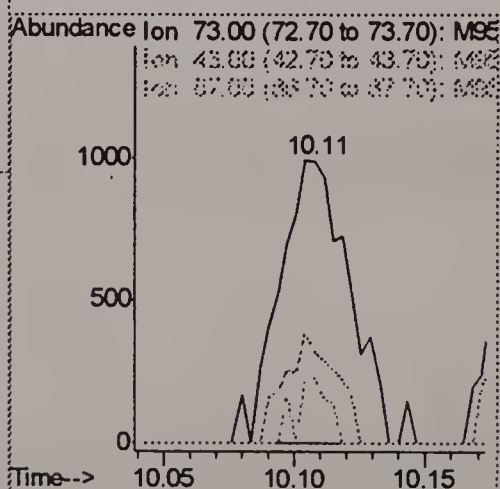
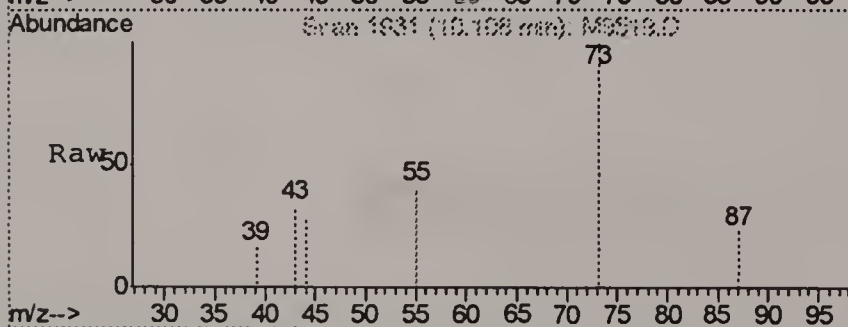
#49
1,2-dichloroethane
Concen: 1.64 ug/L
RT: 9.49 min Scan# 1757
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

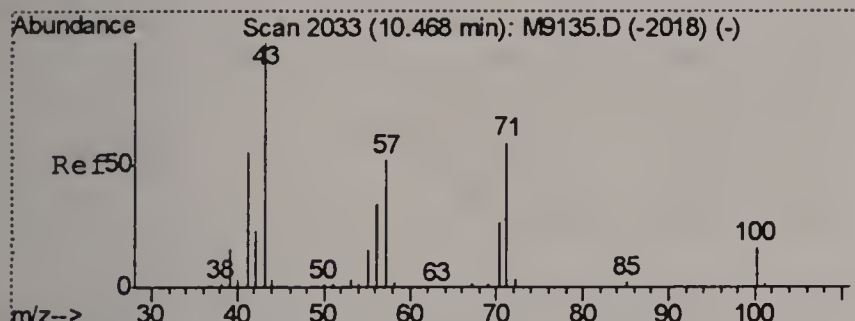
Tgt Ion: 62 Resp: 1868
Ion Ratio Lower Upper
62 100
98 0.0 0.0 38.8



#50
tert-amyl methyl ether
Concen: 1.09 ug/L
RT: 10.11 min Scan# 1931
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

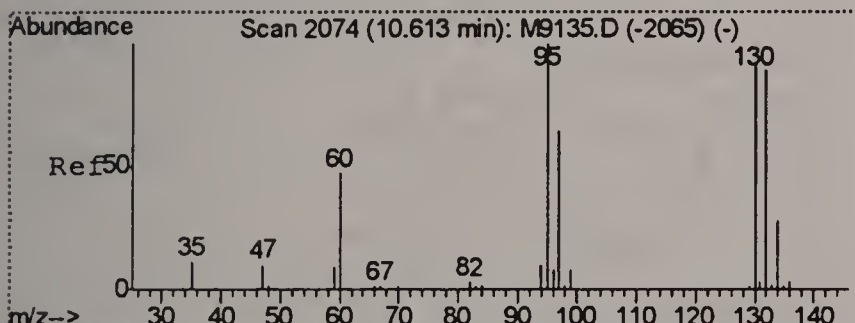
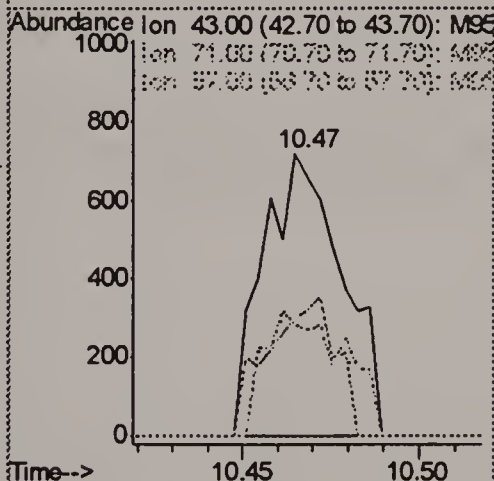
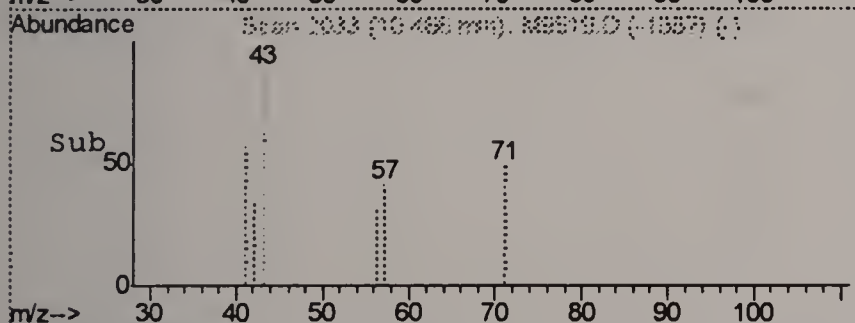
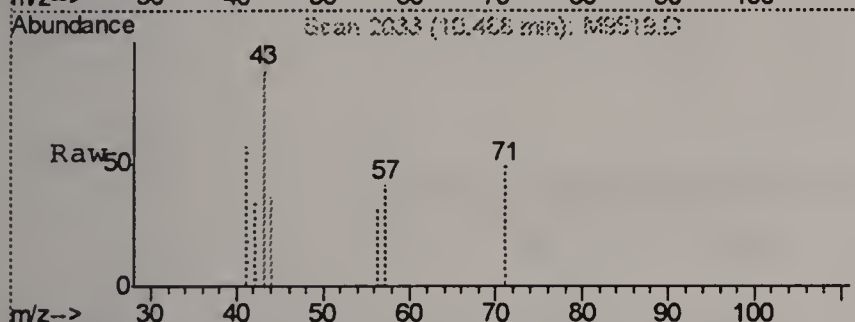
Tgt Ion: 73 Resp: 1839
Ion Ratio Lower Upper
73 100
43 32.5 2.6 62.6
87 23.3 0.0 51.9





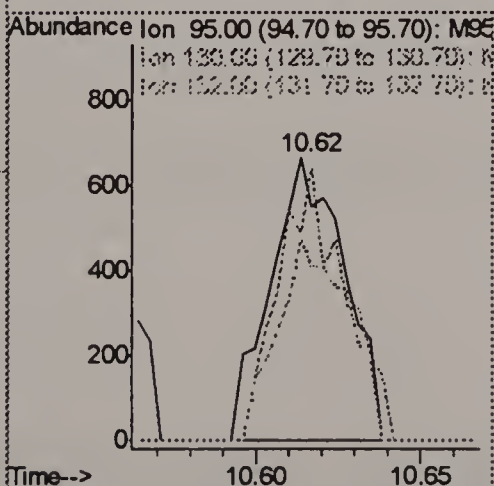
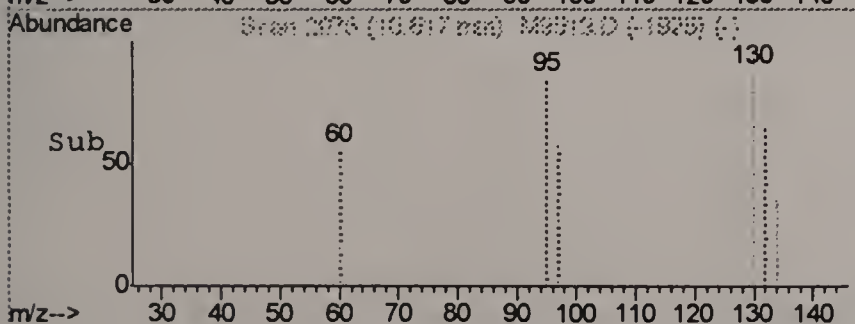
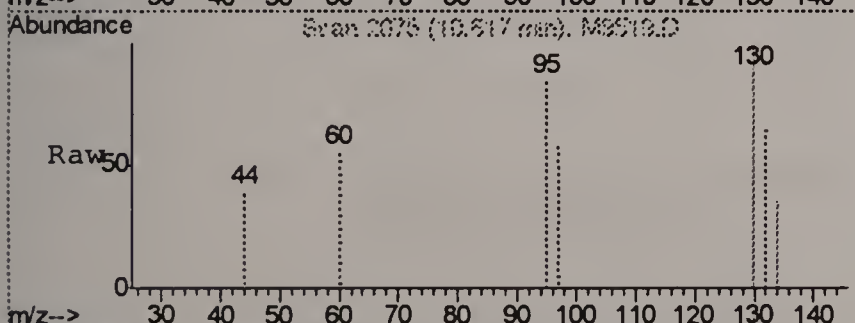
#51
heptane
Concen: 0.94 ug/L
RT: 10.47 min Scan# 2033
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

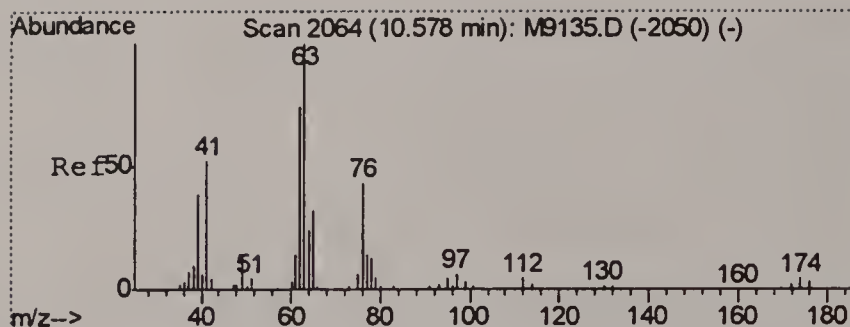
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
71 49.4 25.2 85.2
57 41.3 24.2 84.2



#52
trichloroethene
Concen: 1.22 ug/L
RT: 10.62 min Scan# 2075
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

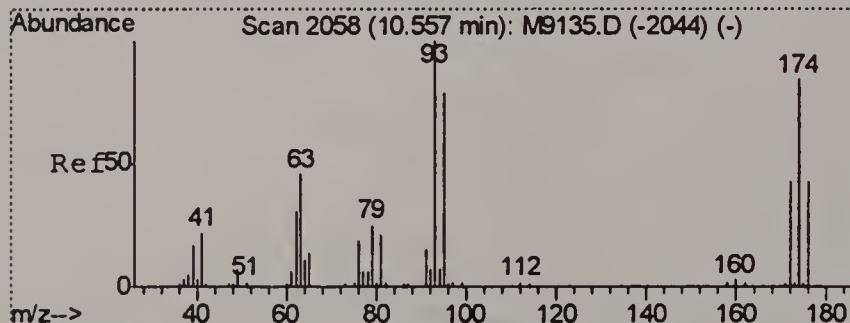
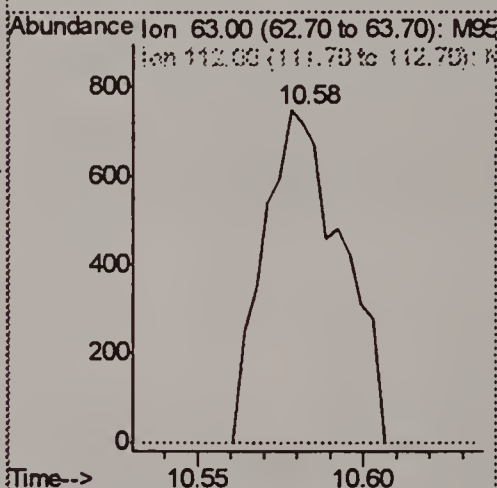
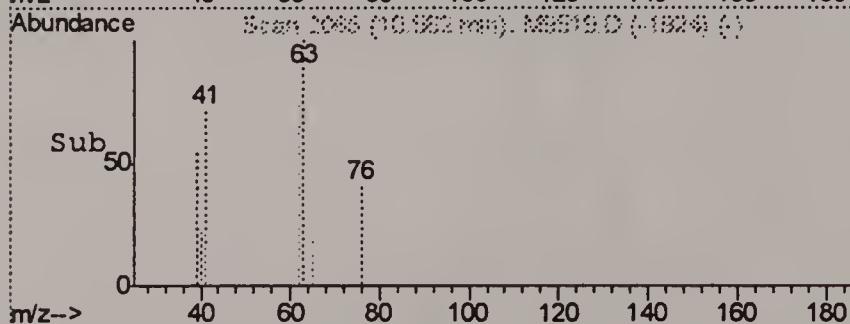
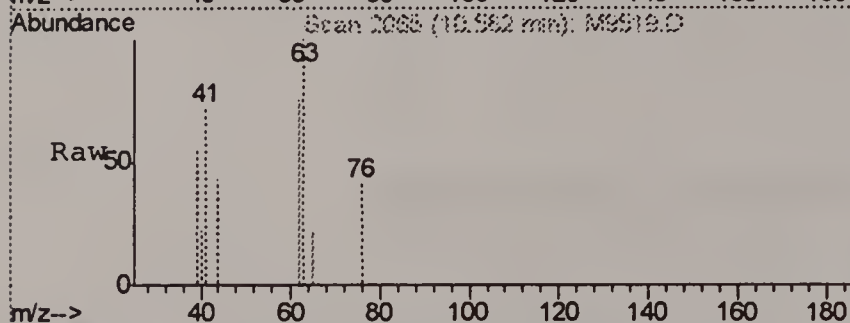
Tgt Ion: 95 Resp: 1047
Ion Ratio Lower Upper
95 100
130 117.2 51.4 111.4#
132 74.8 46.7 106.7





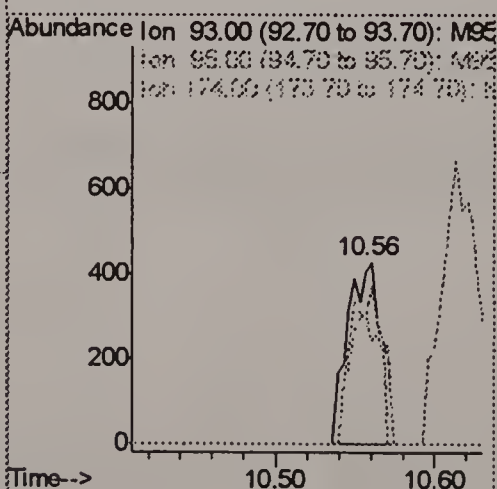
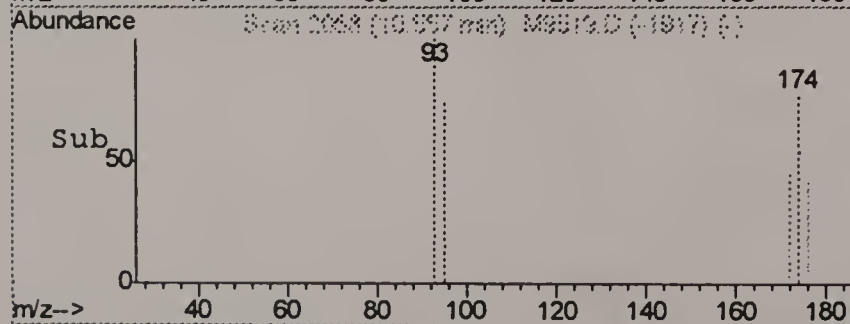
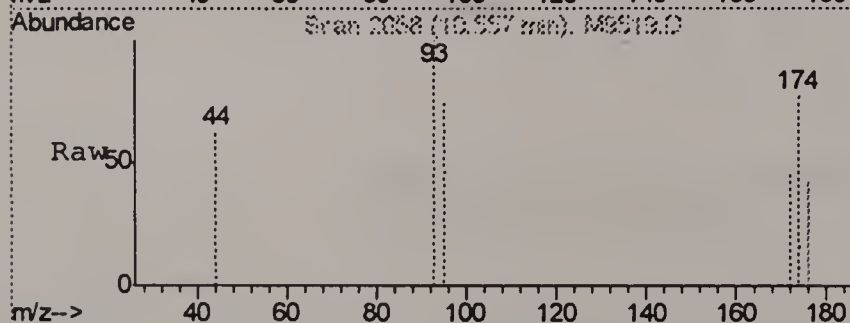
#53
1,2-dichloropropane
Concen: 1.31 ug/L
RT: 10.58 min Scan# 2065
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

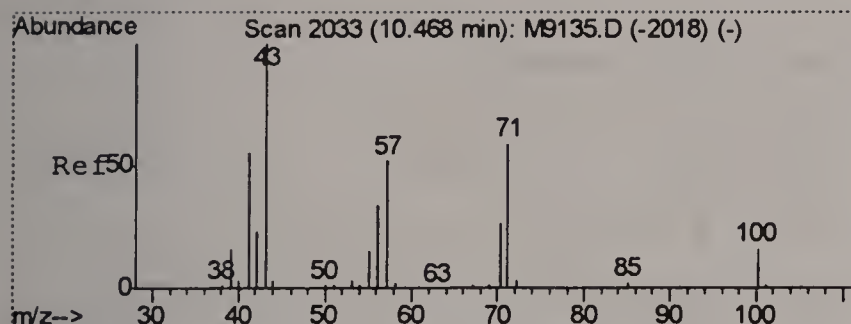
Tgt Ion: 63 Resp: 1237
Ion Ratio Lower Upper
63 100
112 0.0 0.0 33.4



#54
dibromomethane
Concen: 1.42 ug/L m
RT: 10.56 min Scan# 2058
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

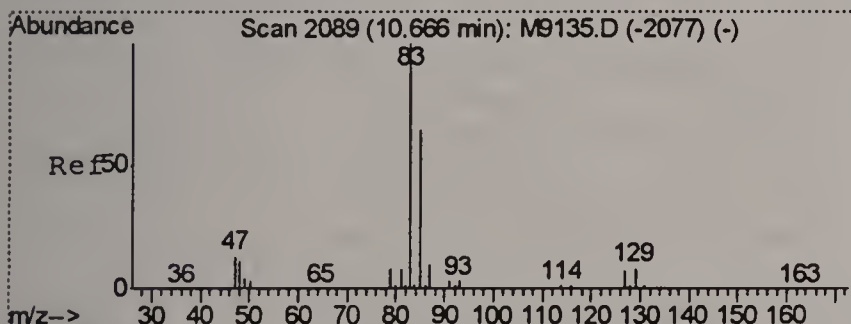
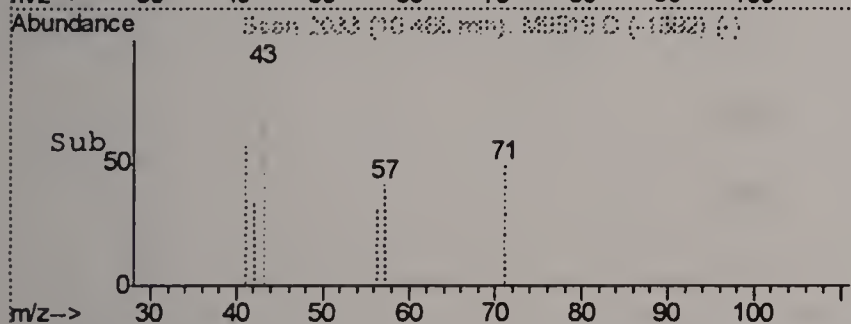
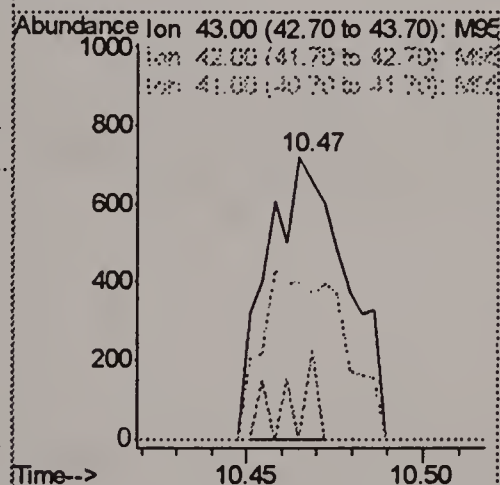
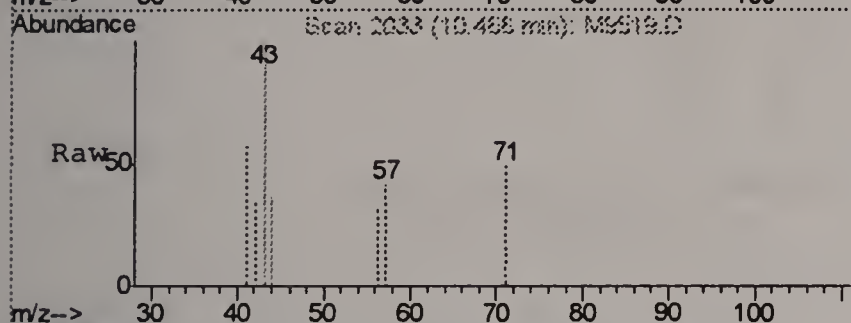
Tgt Ion: 93 Resp: 632
Ion Ratio Lower Upper
93 100
95 73.6 52.8 112.8
174 76.6 47.0 107.0





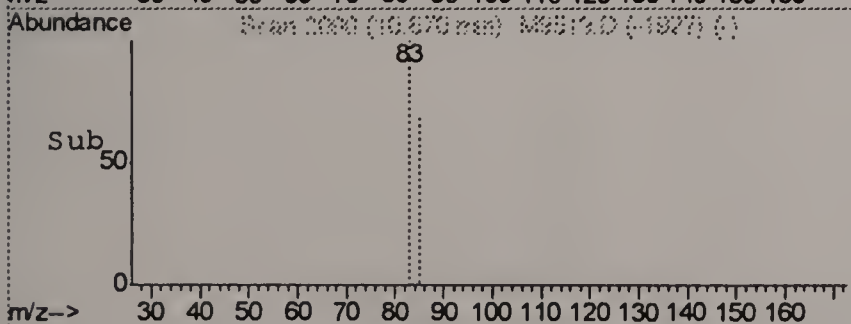
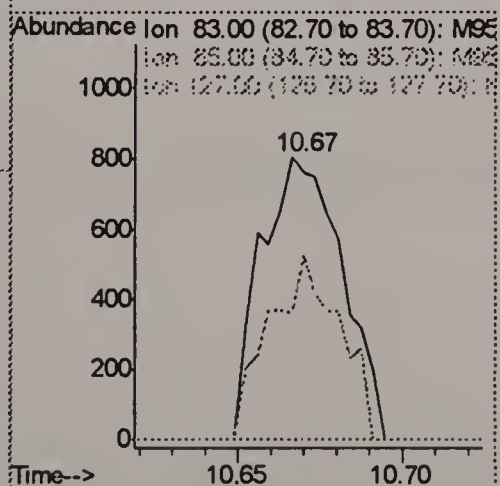
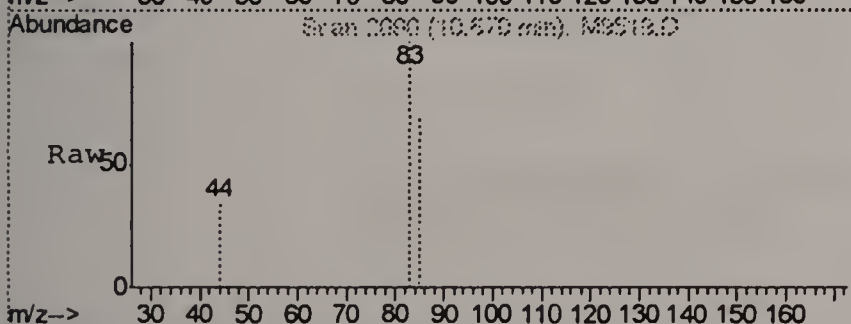
#55
2-Nitropropane
Concen: 0.94 ug/L
RT: 10.47 min Scan# 2033
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

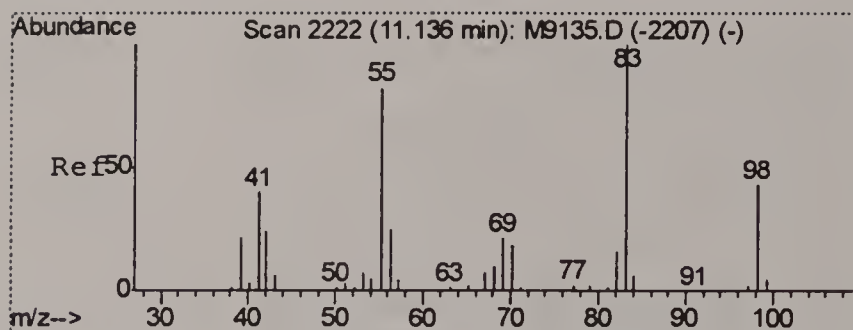
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
42 0.0 2.4 42.4#
41 0.0 34.2 74.2#



#56
bromodichloromethane
Concen: 1.37 ug/L
RT: 10.67 min Scan# 2090
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

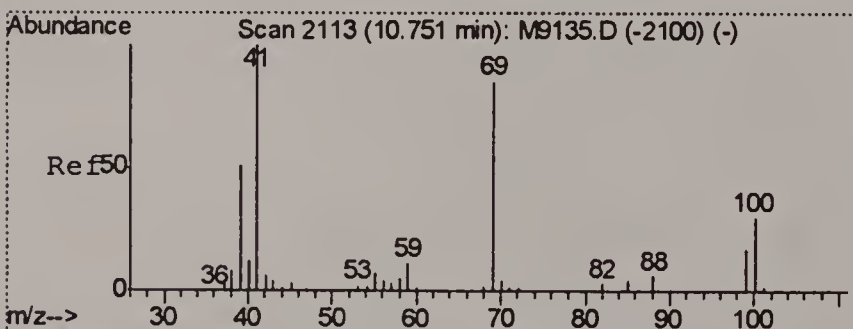
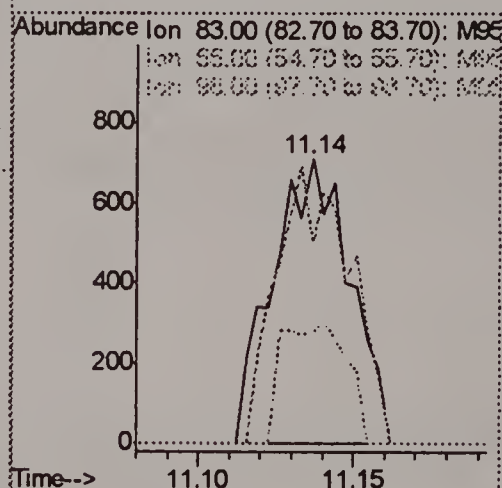
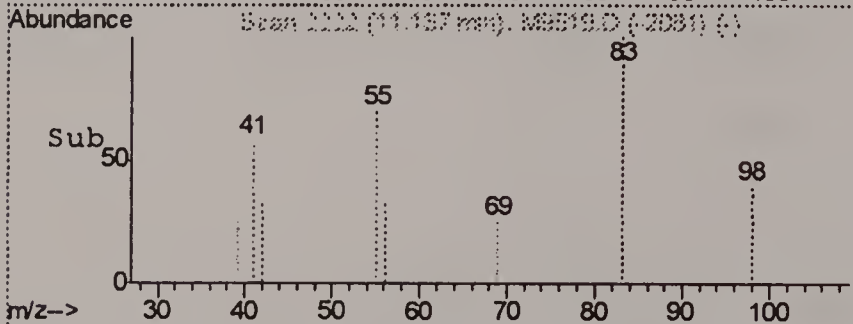
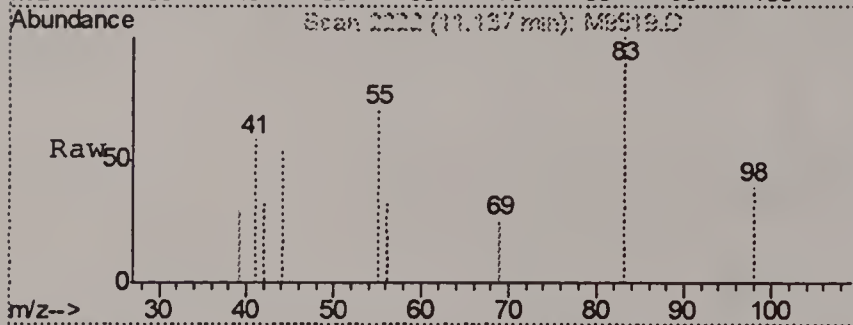
Tgt Ion: 83 Resp: 1387
Ion Ratio Lower Upper
83 100
85 69.1 34.0 94.0
127 0.0 0.0 37.1





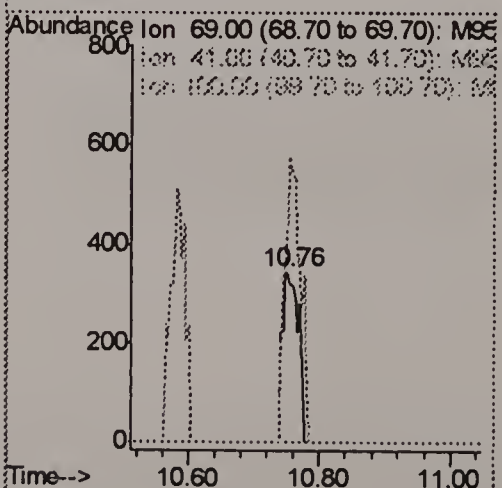
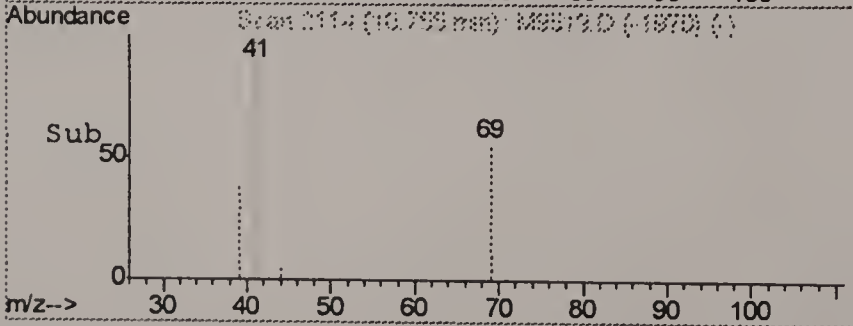
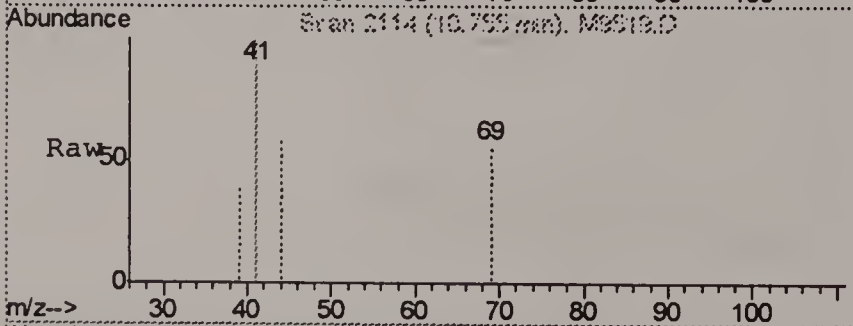
#57
Methylcyclohexane
Concen: 0.85 ug/L
RT: 11.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

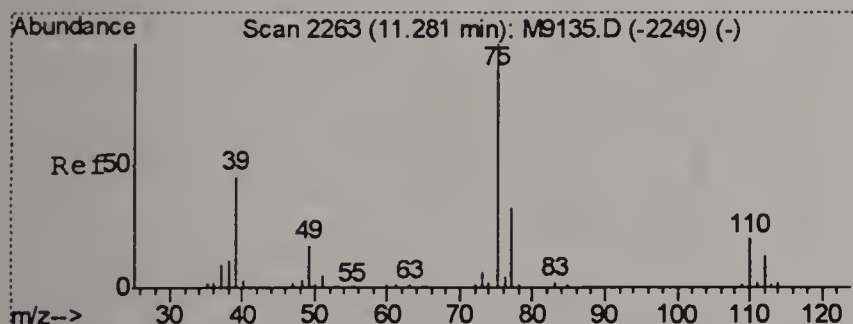
Tgt Ion: 83 Resp: 1222
Ion Ratio Lower Upper
83 100
55 70.2 67.7 107.7
98 39.1 22.4 62.4



#59
methyl methacrylate
Concen: 0.88 ug/L m
RT: 10.75 min Scan# 2114
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

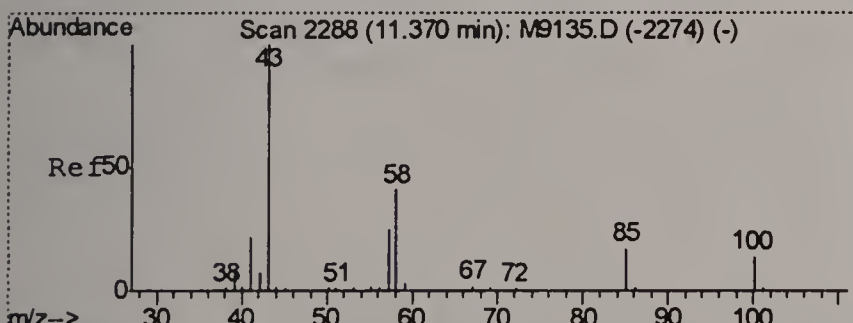
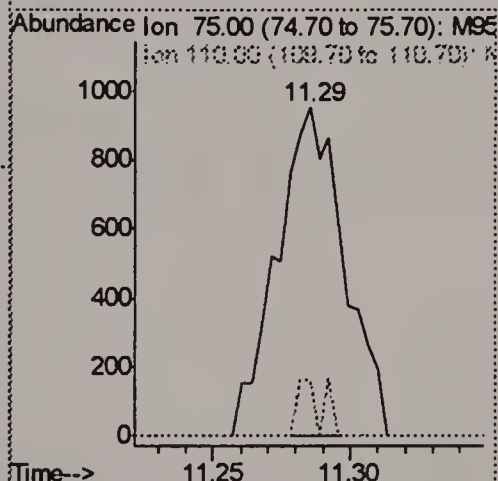
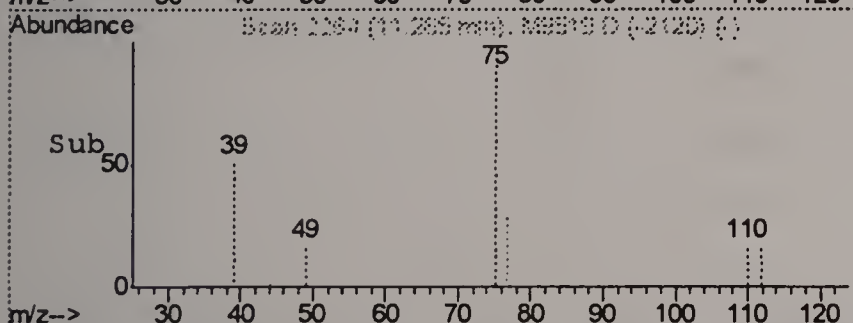
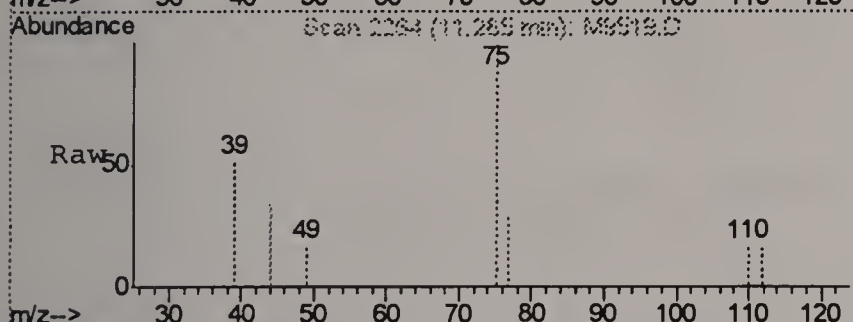
Tgt Ion: 69 Resp: 582
Ion Ratio Lower Upper
69 100
41 178.5 96.8 156.8#
100 0.0 7.0 67.0#





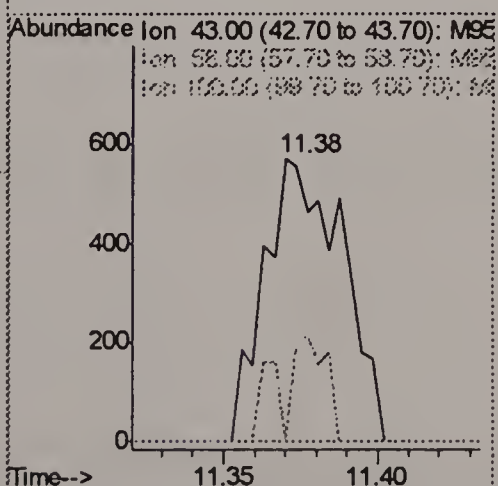
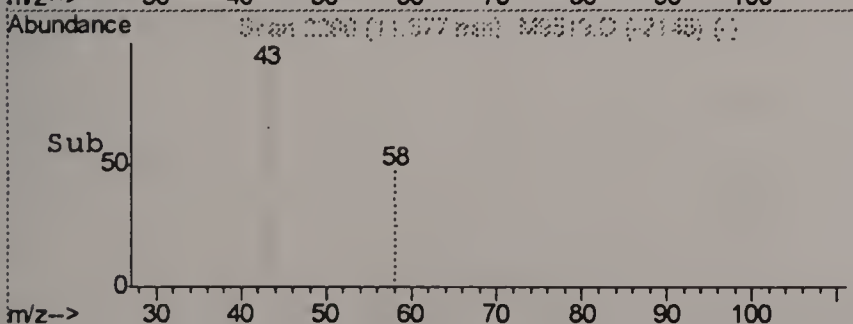
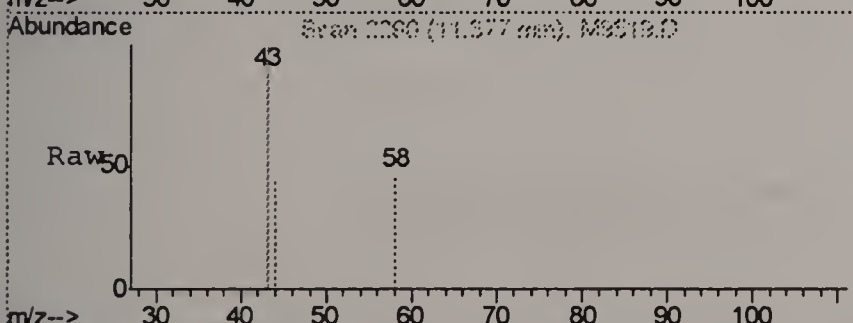
#61
 cis-1,3-dichloropropene
 Concen: 1.24 ug/L
 RT: 11.29 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

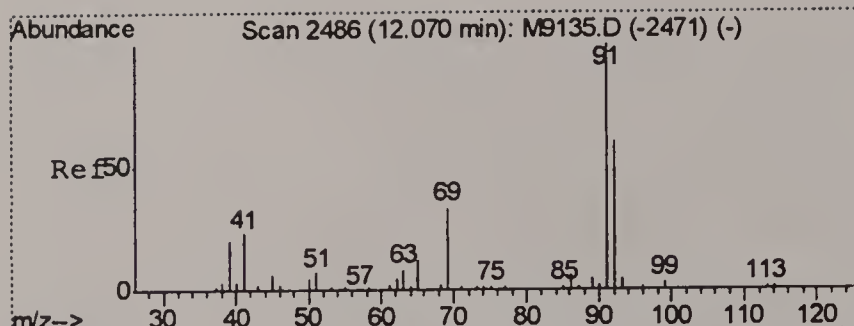
Tgt Ion: 75 Resp: 1637
 Ion Ratio Lower Upper
 75 100
 110 17.2 0.0 49.1



#63
 4-methyl-2-pentanone
 Concen: 0.97 ug/L
 RT: 11.38 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

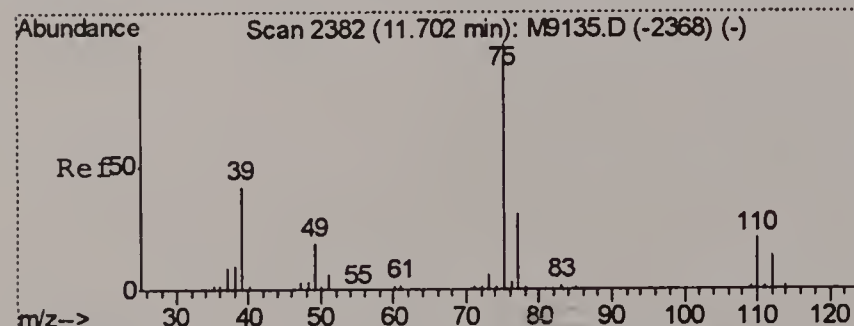
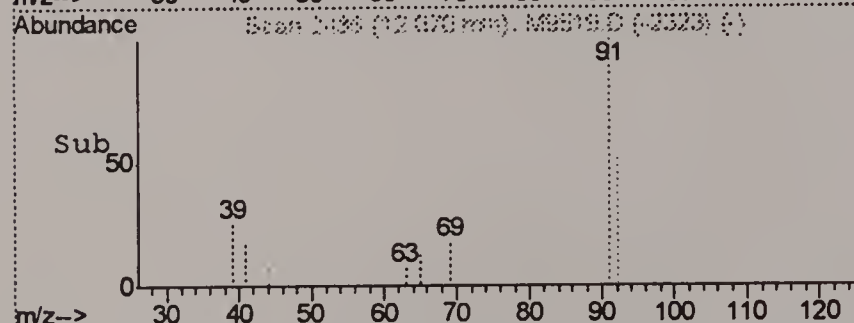
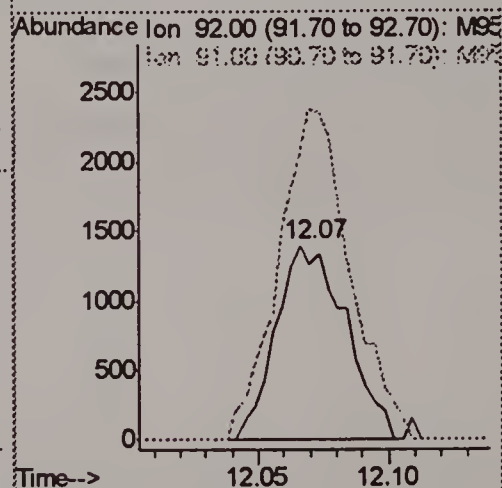
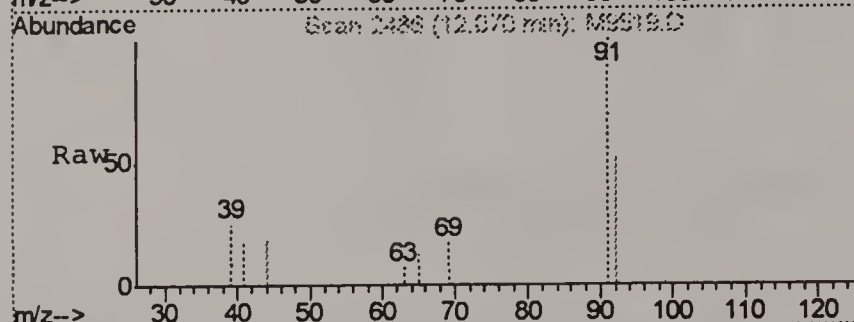
Tgt Ion: 43 Resp: 1005
 Ion Ratio Lower Upper
 43 100
 58 0.0 11.8 71.8#
 100 0.0 0.0 42.5





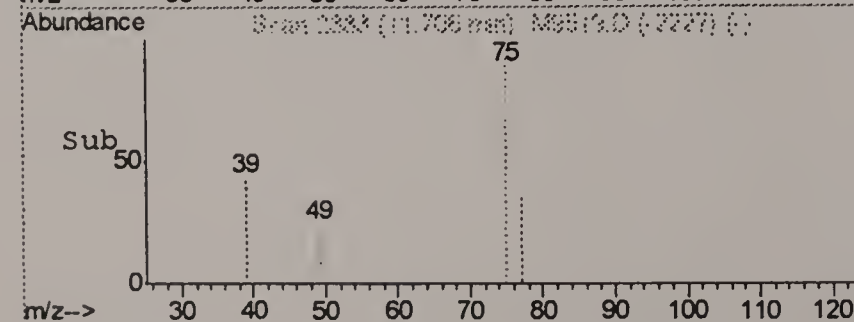
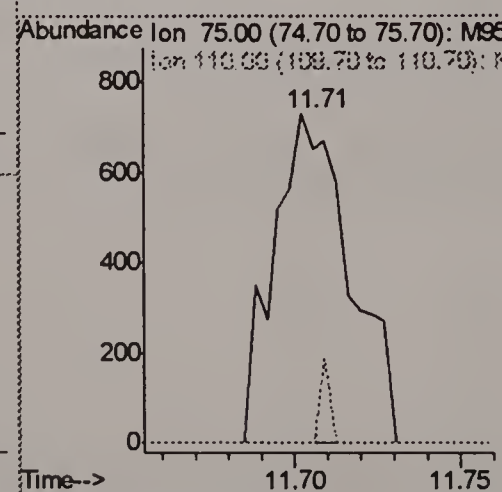
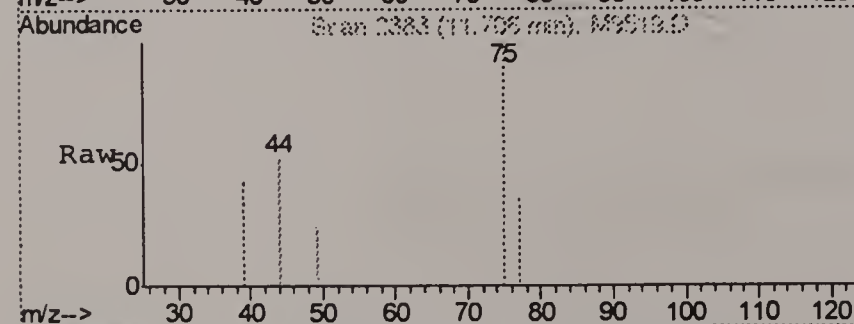
#64
toluene
Concen: 1.21 ug/L
RT: 12.07 min Scan# 2486
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

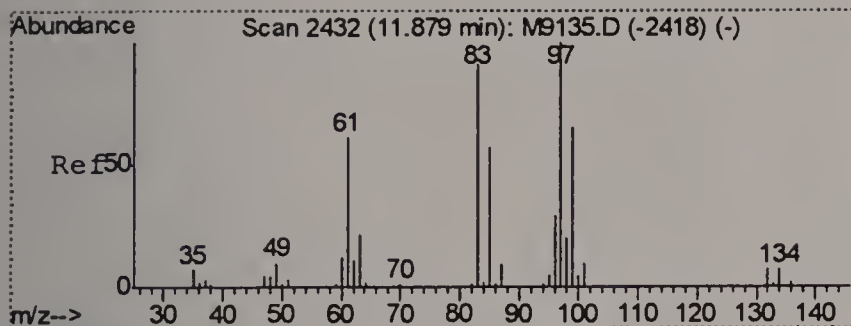
Tgt Ion: 92 Resp: 2597
Ion Ratio Lower Upper
92 100
91 188.4 134.0 194.0



#65
trans-1,3-dichloropropene
Concen: 1.11 ug/L
RT: 11.71 min Scan# 2383
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

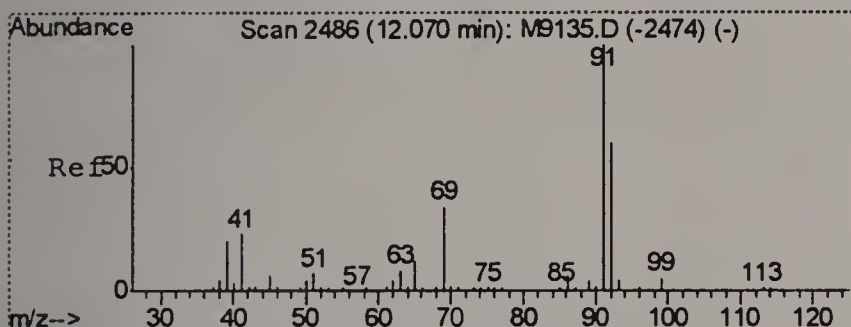
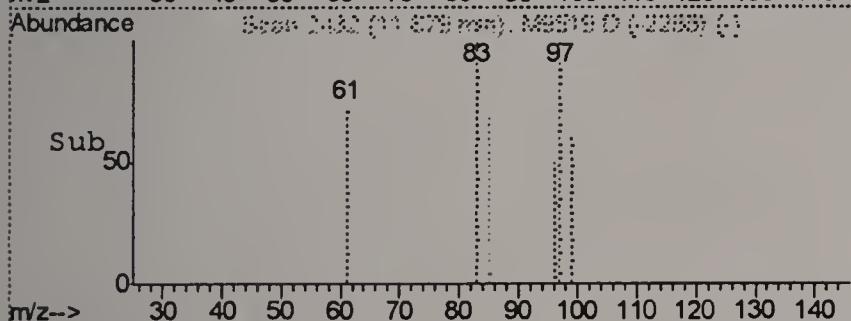
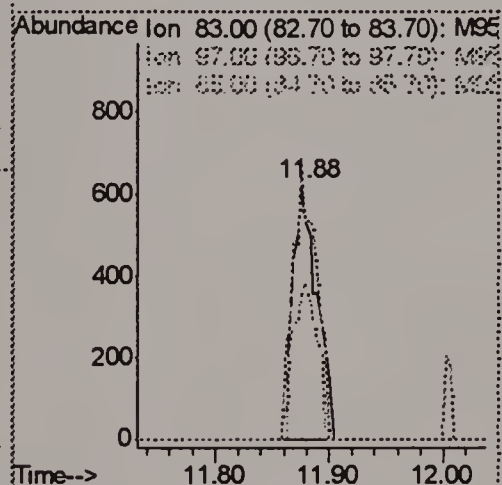
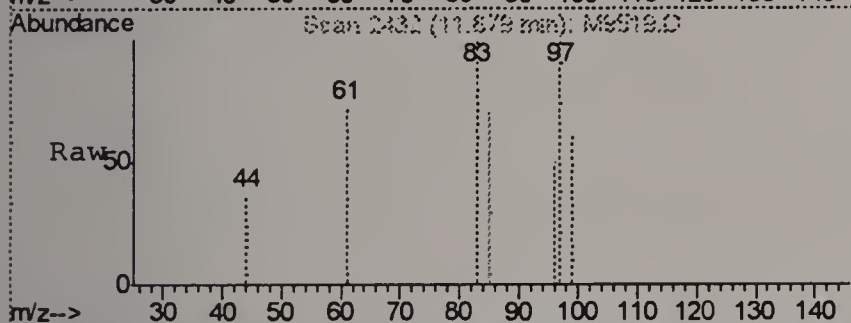
Tgt Ion: 75 Resp: 1172
Ion Ratio Lower Upper
75 100
110 0.0 0.0 52.9





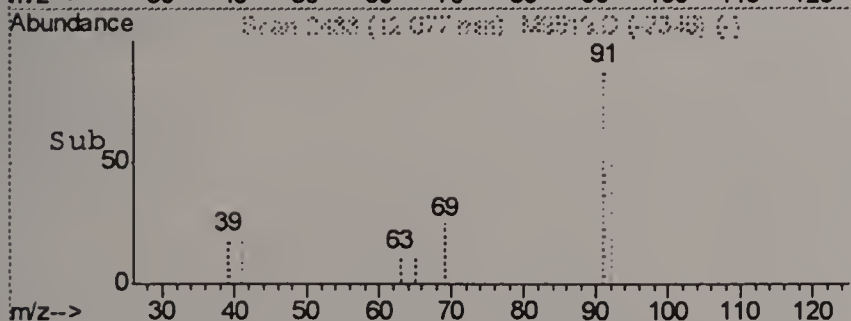
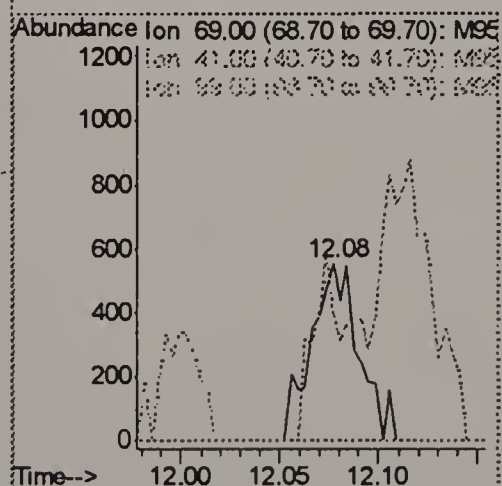
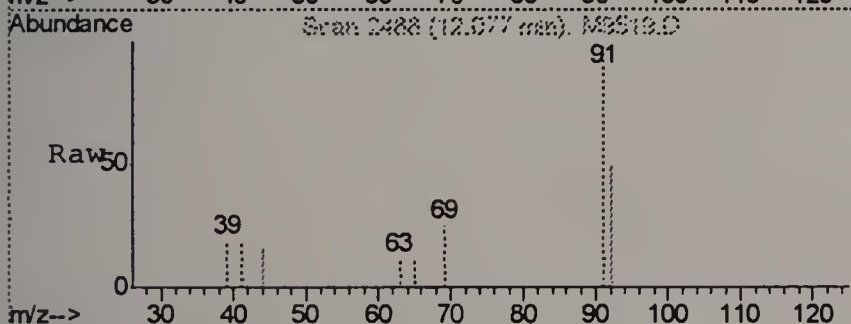
#66
 1,1,2-trichloroethane
 Concen: 1.34 ug/L m
 RT: 11.88 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

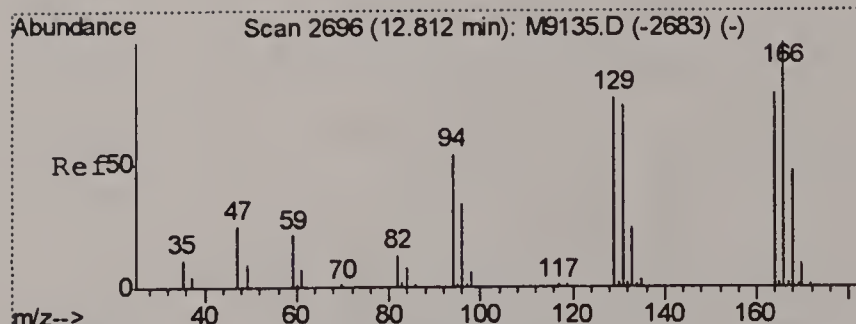
Tgt Ion: 83 Resp: 899
 Ion Ratio Lower Upper
 83 100
 97 100.2 82.7 142.7
 85 70.6 34.9 94.9



#67
 ethyl methacrylate
 Concen: 0.80 ug/L m
 RT: 12.08 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: M9519.D
 Acq: 5 May 2006 9:46 am

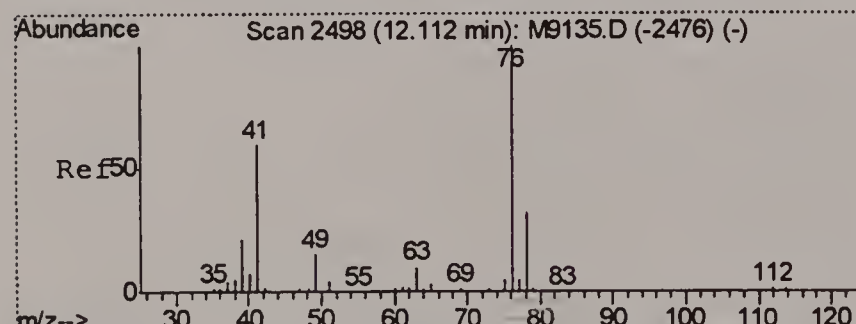
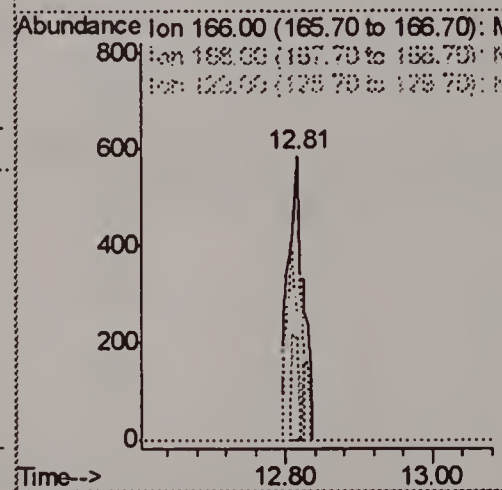
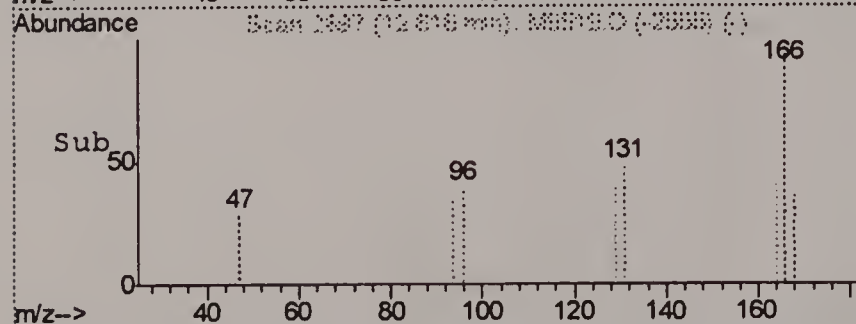
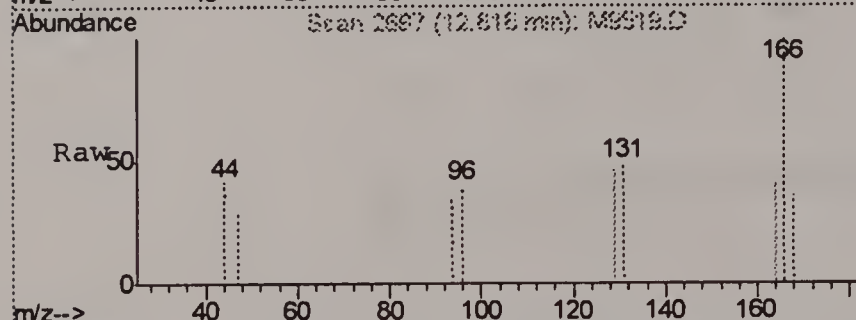
Tgt Ion: 69 Resp: 923
 Ion Ratio Lower Upper
 69 100
 41 71.4 44.9 104.9
 99 0.0 0.0 48.9





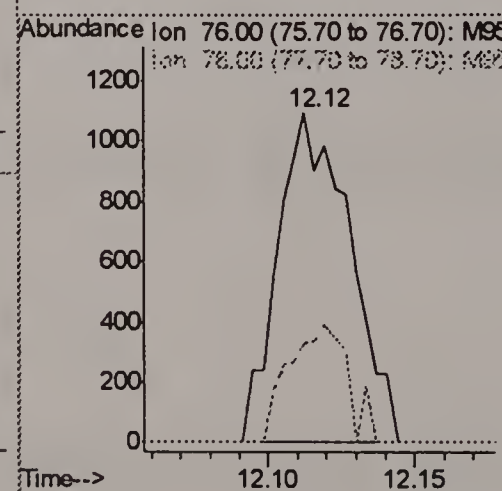
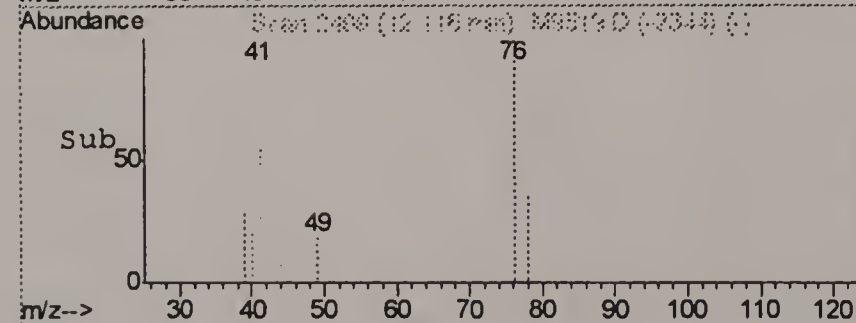
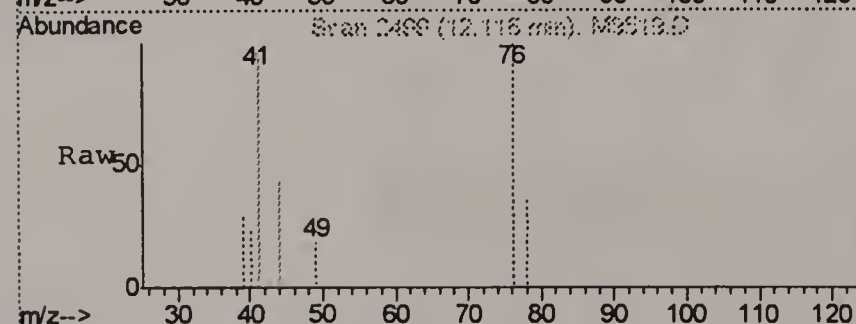
#69
tetrachloroethene
Concen: 1.26 ug/L m
RT: 12.82 min Scan# 2697
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

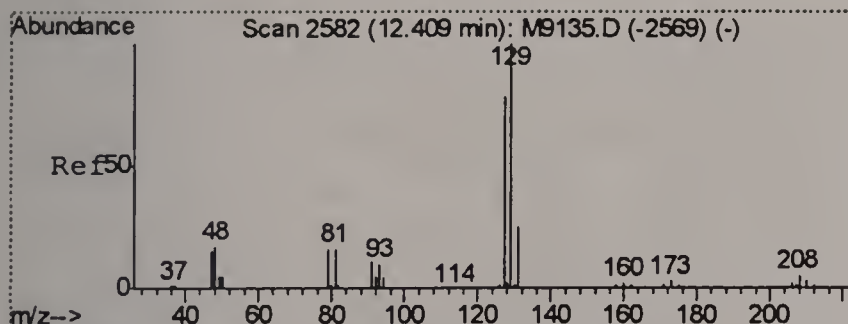
Tgt Ion	Ratio	Lower	Upper
166	100		
168	35.7	17.8	77.8
129	45.6	47.8	107.8#



#70
1,3-dichloropropane
Concen: 1.30 ug/L
RT: 12.12 min Scan# 2499
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

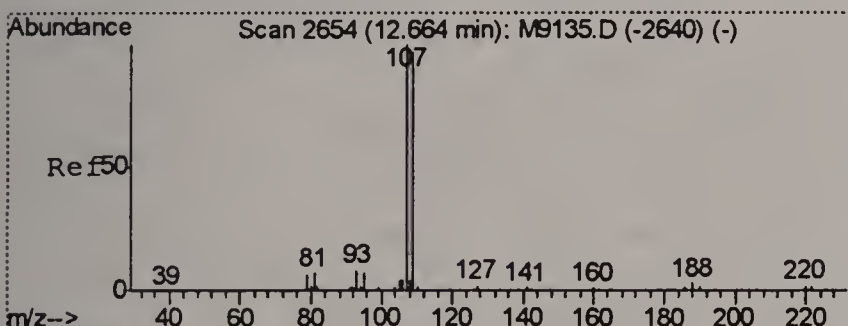
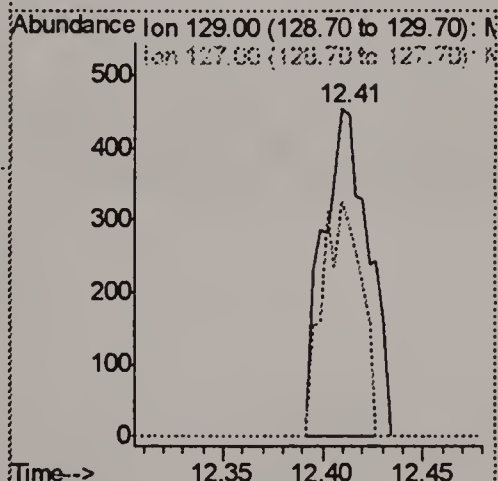
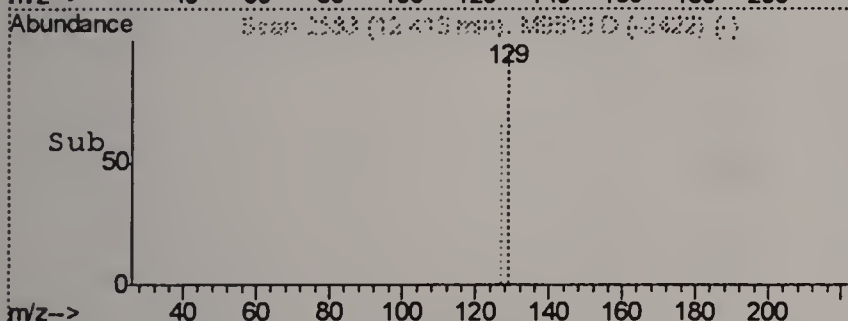
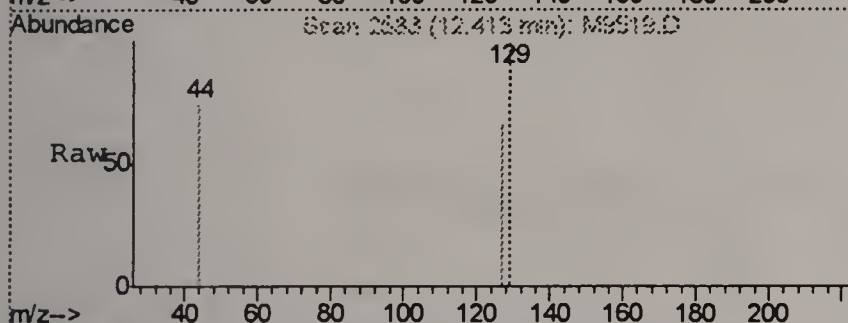
Tgt Ion	Ratio	Lower	Upper
76	100		
78	37.3	2.4	62.4





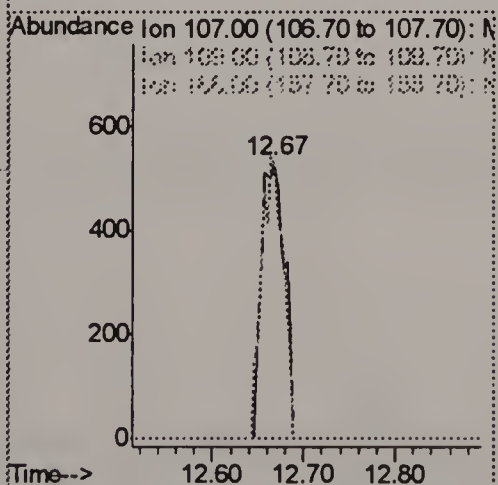
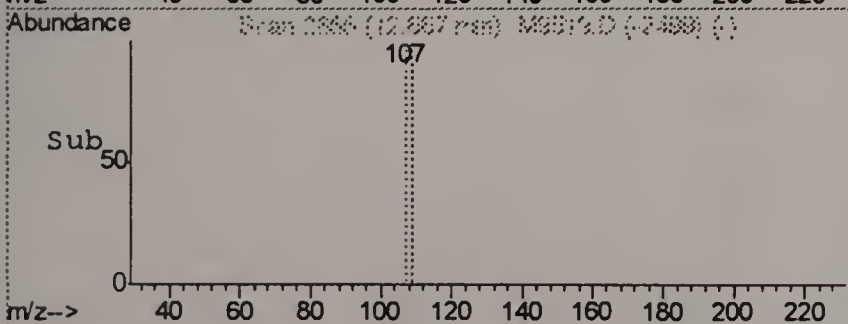
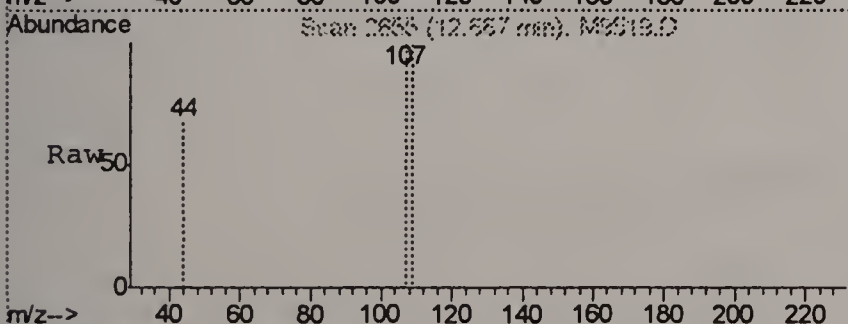
#71
dibromochloromethane
Concen: 1.27 ug/L m
RT: 12.41 min Scan# 2583
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

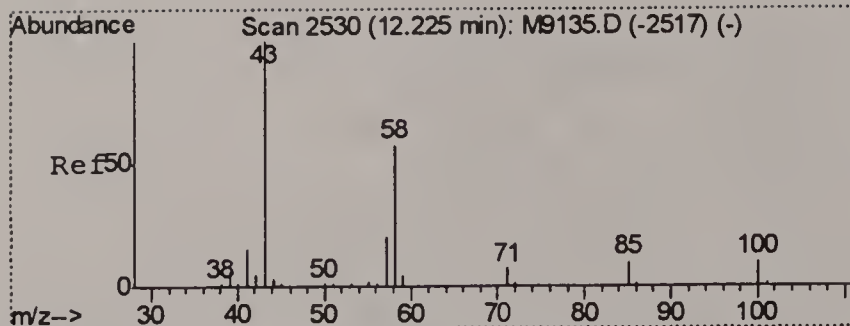
Tgt Ion: 129 Resp: 711
Ion Ratio Lower Upper
129 100
127 65.8 47.1 107.1



#72
1,2-dibromoethane
Concen: 1.27 ug/L m
RT: 12.67 min Scan# 2655
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

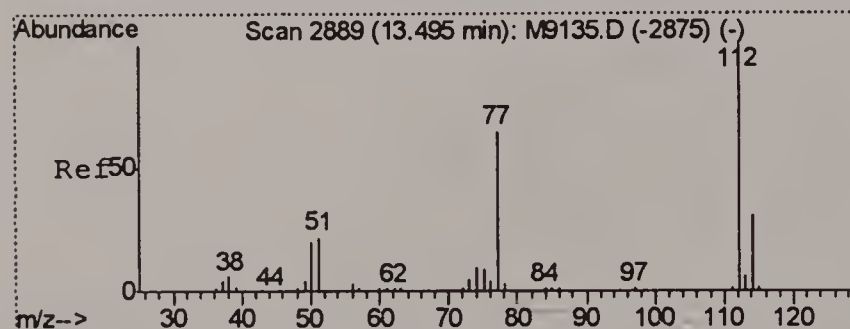
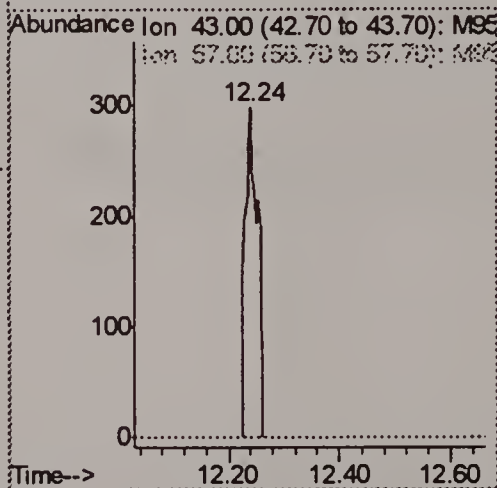
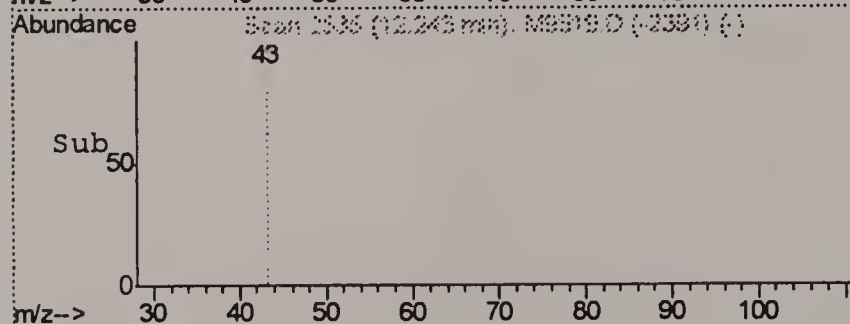
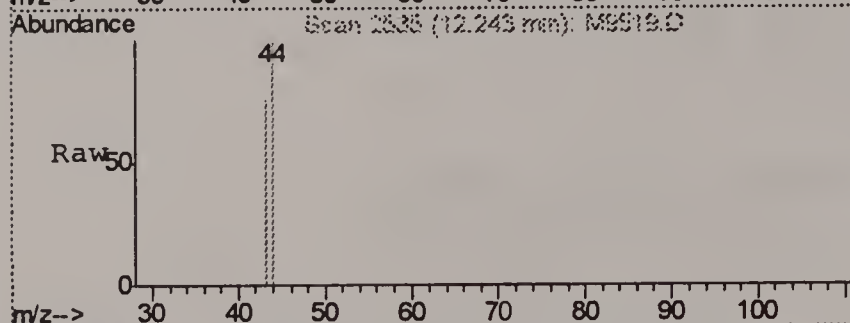
Tgt Ion: 107 Resp: 927
Ion Ratio Lower Upper
107 100
109 99.4 63.7 123.7
188 0.0 0.0 32.5





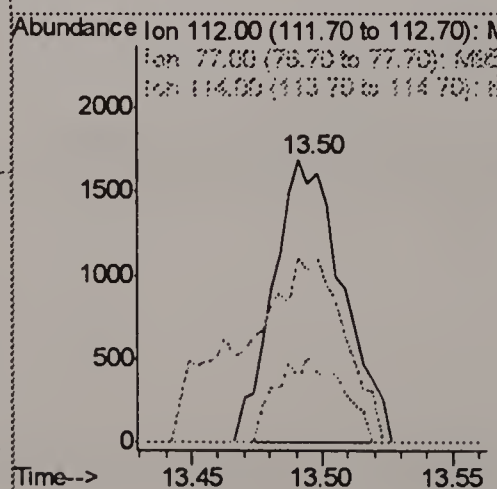
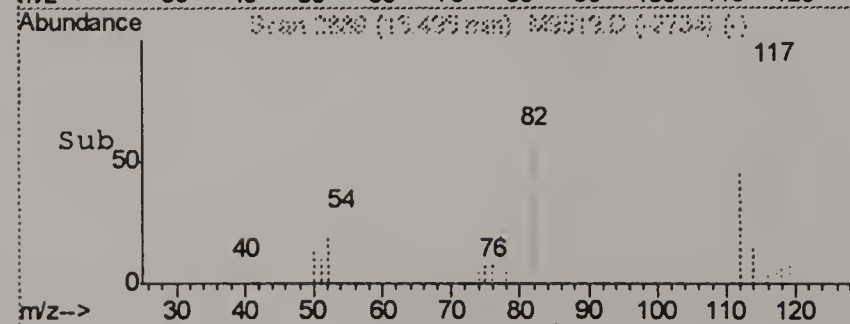
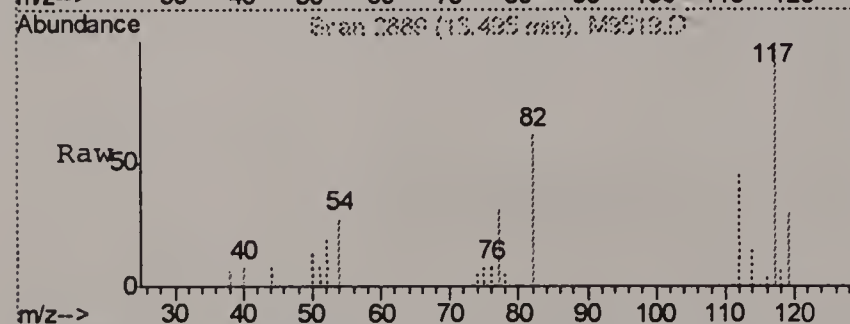
#73
2-hexanone
Concen: 0.65 ug/L m
RT: 12.24 min Scan# 2535
Delta R.T. 0.01 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

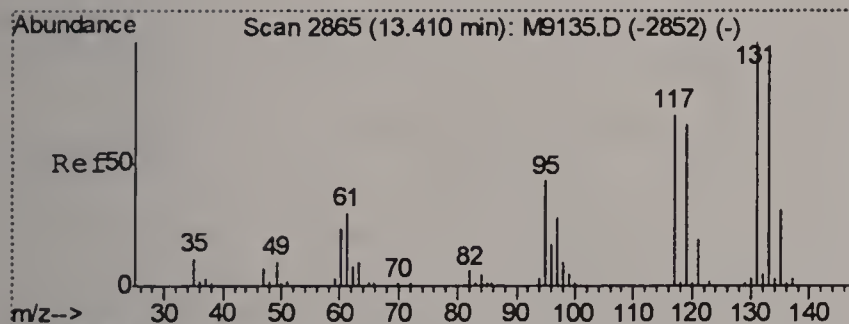
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
57 0.0 0.0 48.7



#74
chlorobenzene
Concen: 1.40 ug/L
RT: 13.50 min Scan# 2889
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

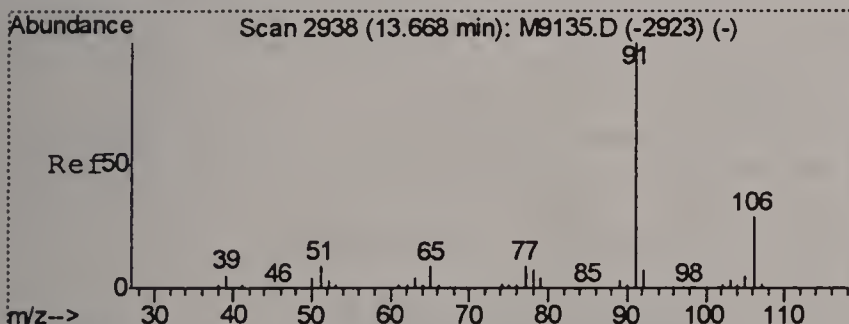
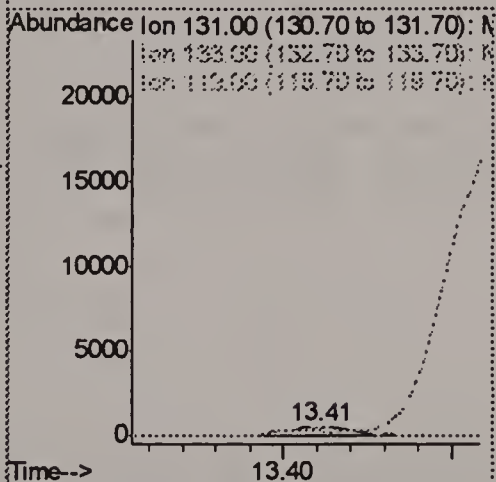
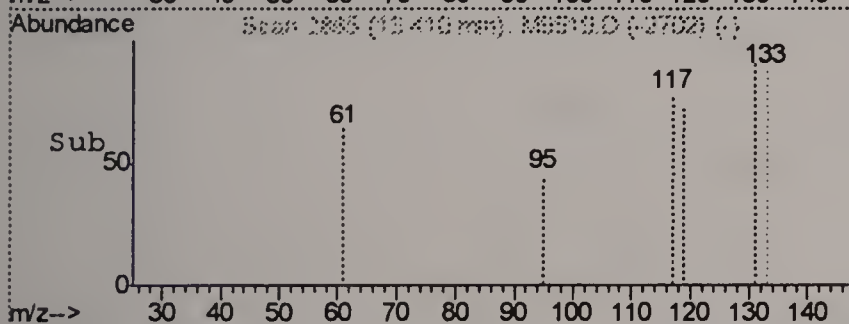
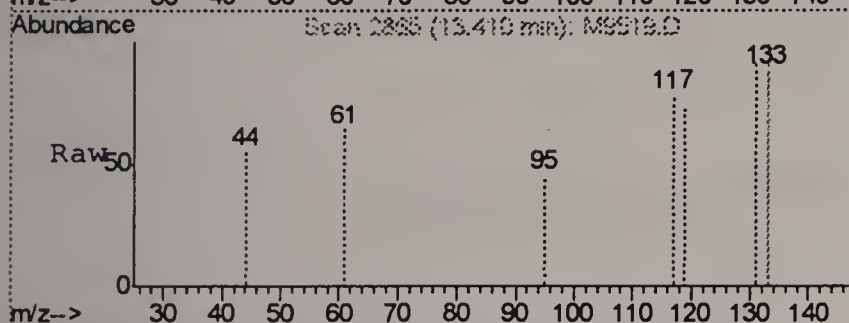
Tgt Ion: 112 Resp: 3118
Ion Ratio Lower Upper
112 100
77 67.0 32.7 92.7
114 33.4 0.0 58.1





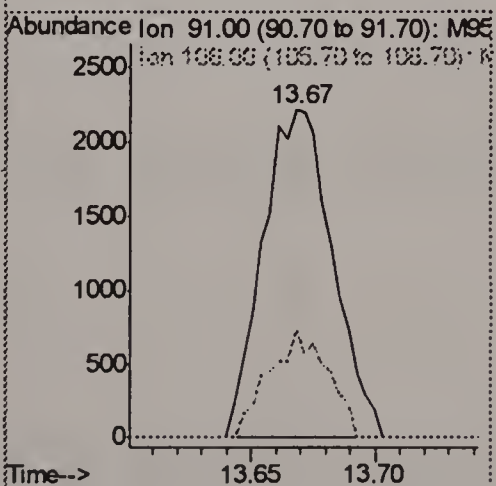
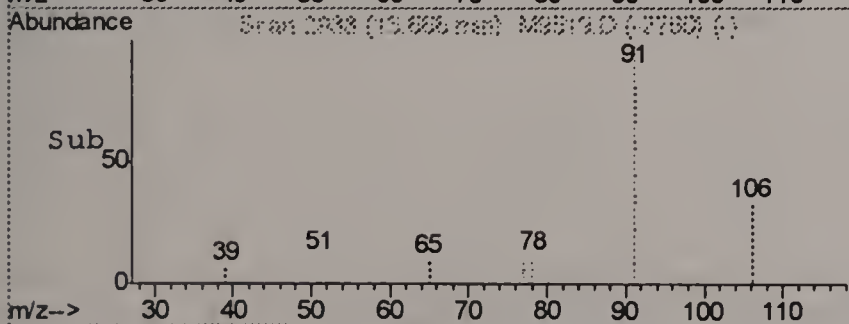
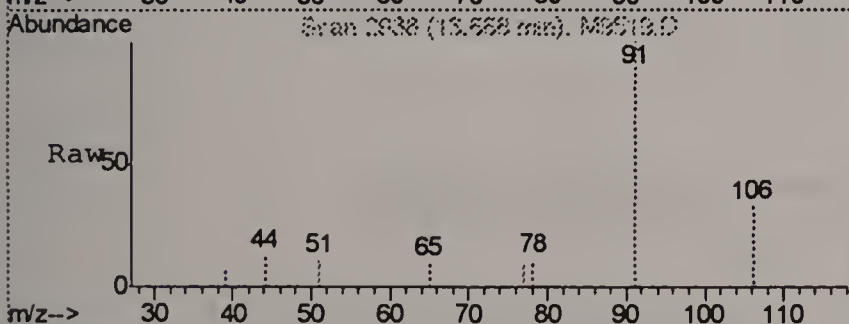
#75
1,1,1,2-tetrachloroethane
Concen: 1.22 ug/L m
RT: 13.41 min Scan# 2865
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

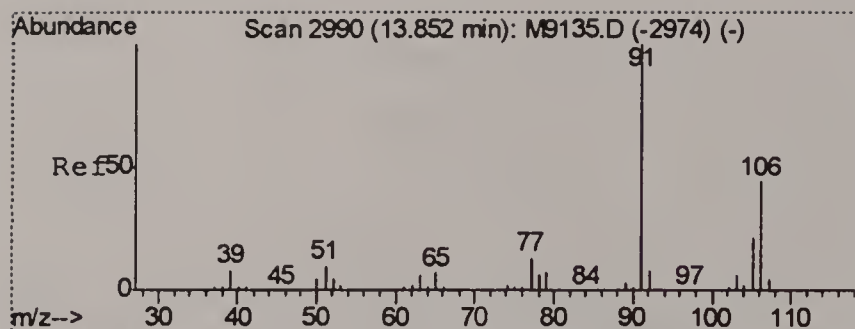
Tgt Ion	Ratio	Lower	Upper
131	100		
133	109.7	68.4	128.4
119	79.1	37.1	97.1



#76
ethylbenzene
Concen: 1.07 ug/L
RT: 13.67 min Scan# 2938
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

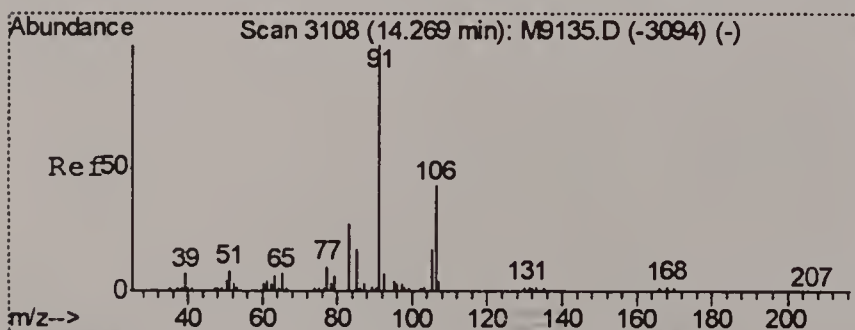
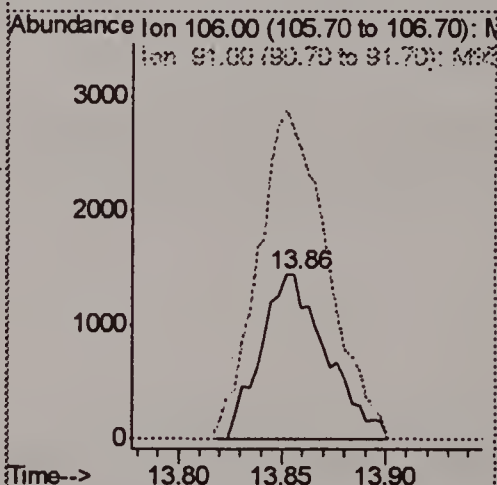
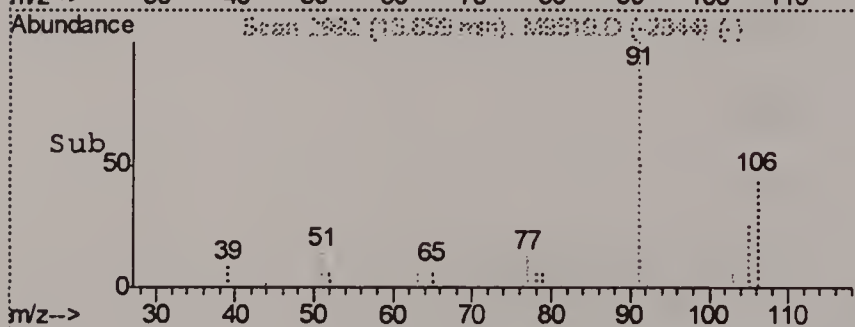
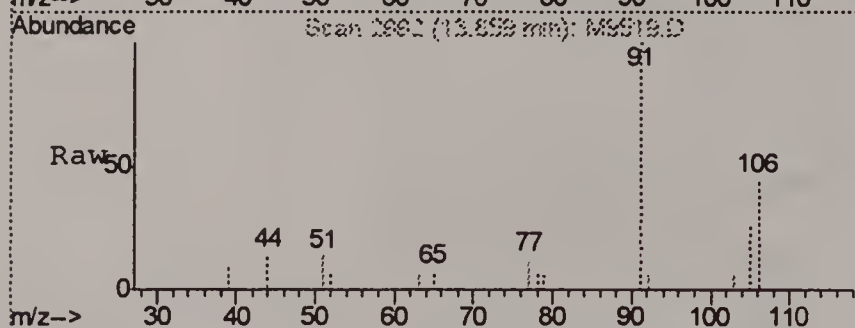
Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.0	0.0	58.7





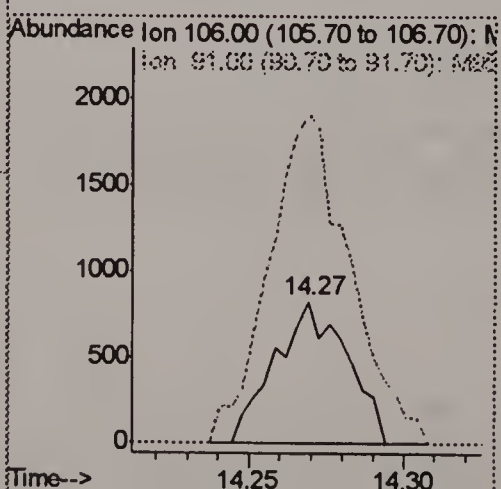
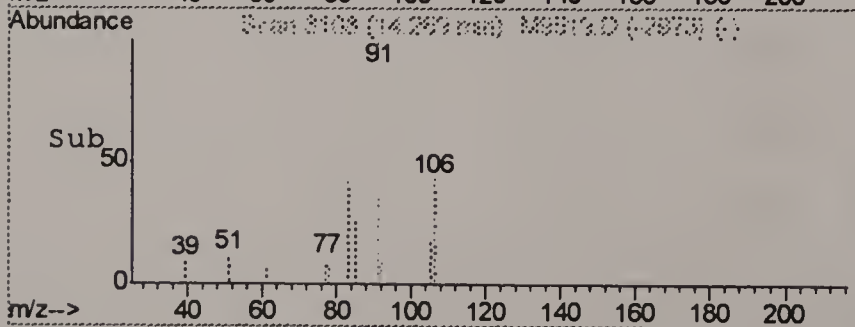
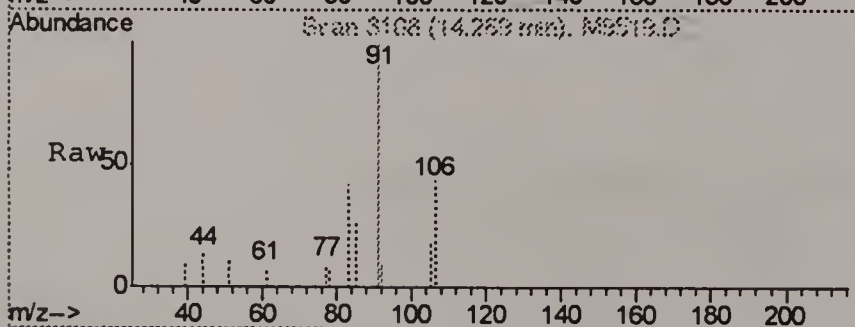
#77
m,p-xylene
Concen: 2.20 ug/L
RT: 13.86 min Scan# 2992
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

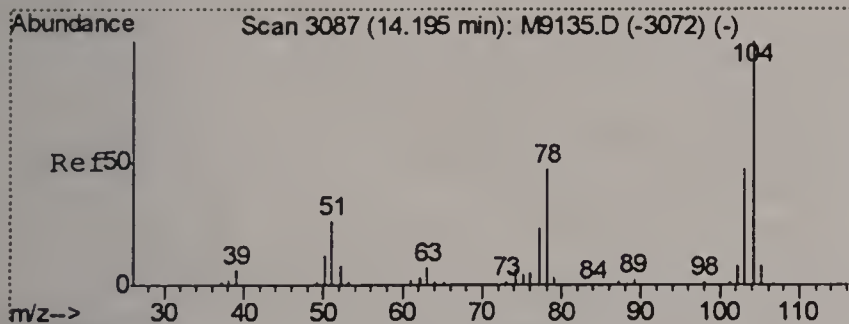
Tgt Ion:106 Resp: 3199
Ion Ratio Lower Upper
106 100
91 220.6 188.3 248.3



#78
o-xylene
Concen: 0.95 ug/L
RT: 14.27 min Scan# 3108
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

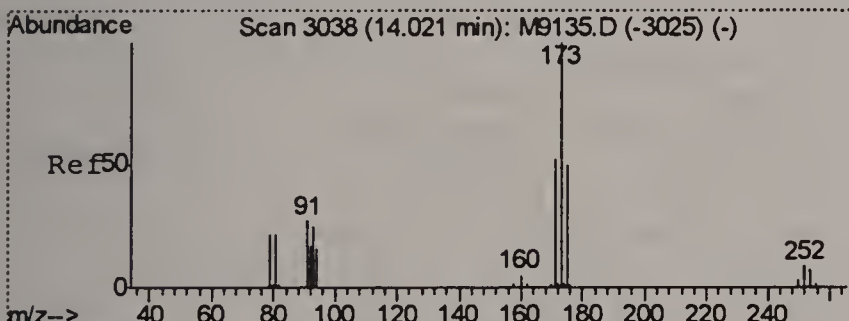
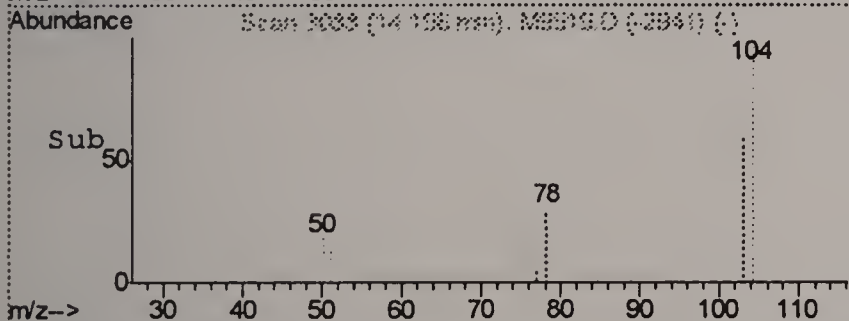
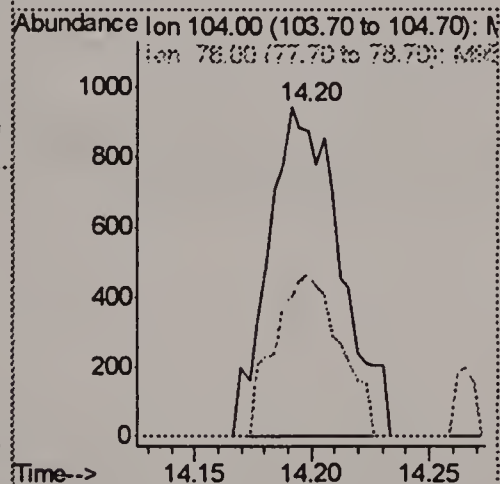
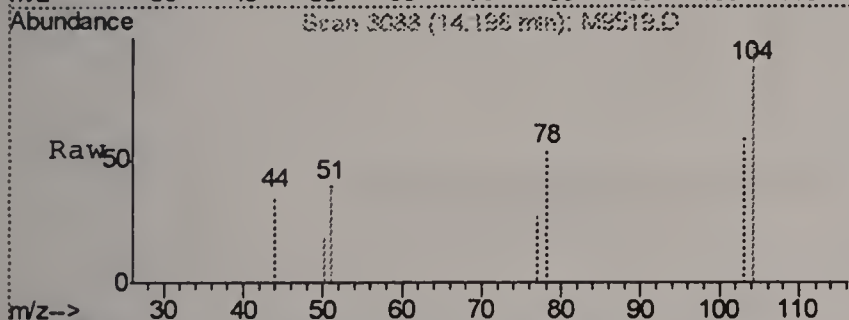
Tgt Ion:106 Resp: 1336
Ion Ratio Lower Upper
106 100
91 204.4 201.6 261.6





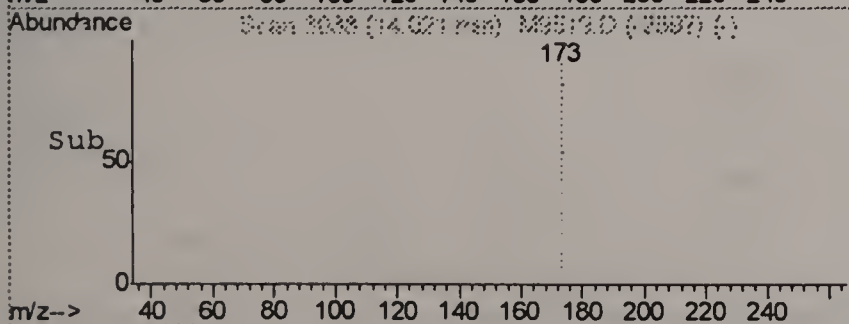
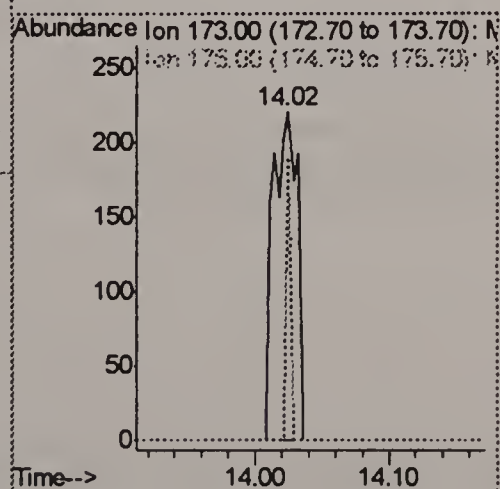
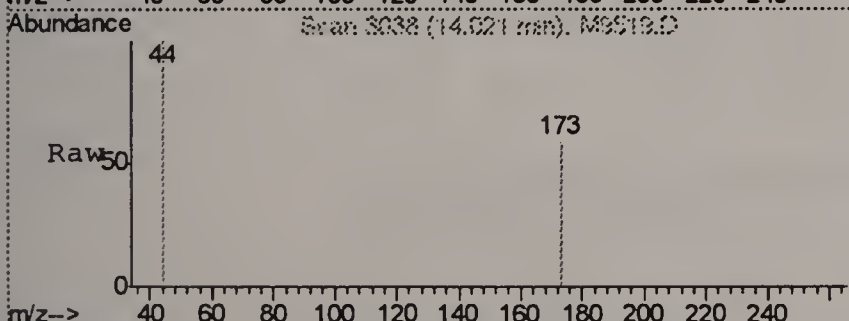
#79
styrene
Concen: 0.80 ug/L
RT: 14.20 min Scan# 3088
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

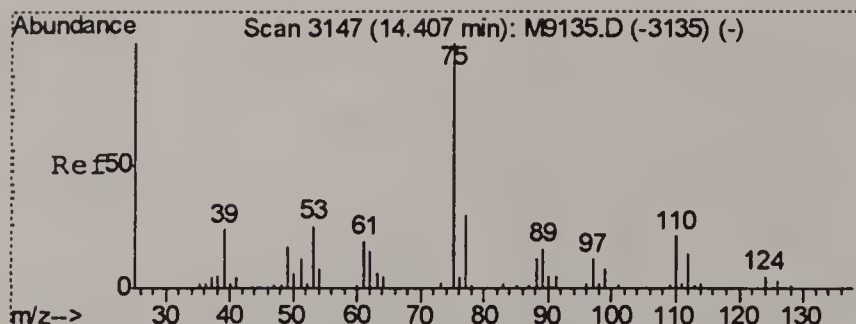
Tgt Ion: 104 Resp: 2003
Ion Ratio Lower Upper
104 100
78 53.6 15.0 75.0



#80
bromoform
Concen: 0.83 ug/L m
RT: 14.02 min Scan# 3038
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

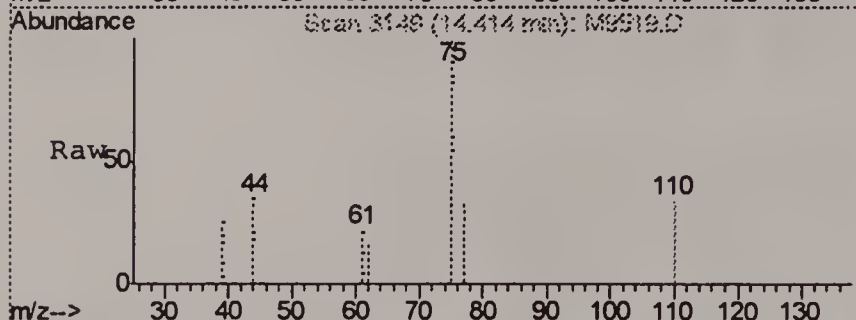
Tgt Ion: 173 Resp: 278
Ion Ratio Lower Upper
173 100
175 0.0 21.9 81.9#



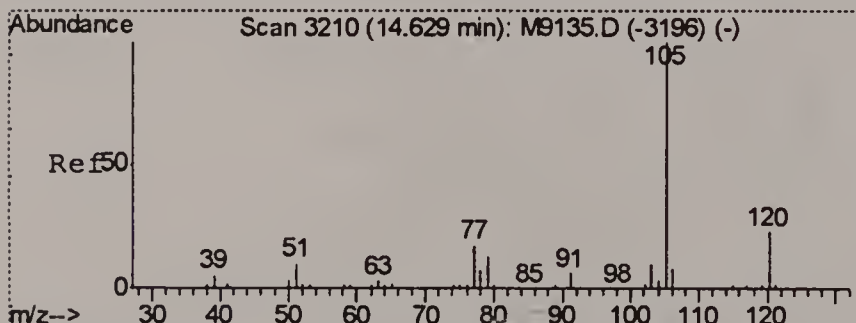
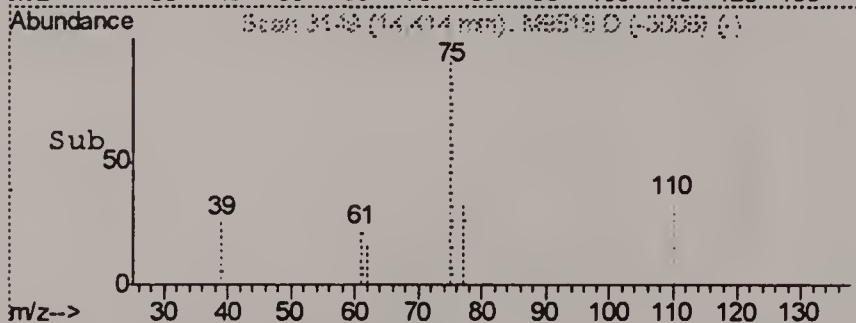
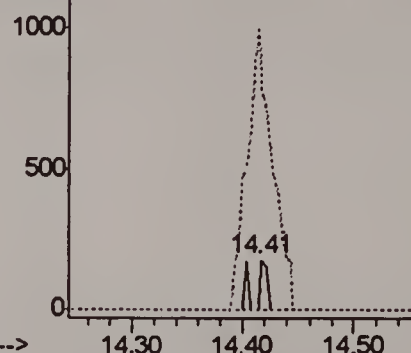


#81
trans-1,4-dichloro-2-butene
Concen: 0.38 ug/L m
RT: 14.41 min Scan# 3149
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

Tgt Ion: 53 Resp: 107
Ion Ratio Lower Upper
53 100
75 101200.0 346.0 406.0#
89 0.0 26.3 86.3#

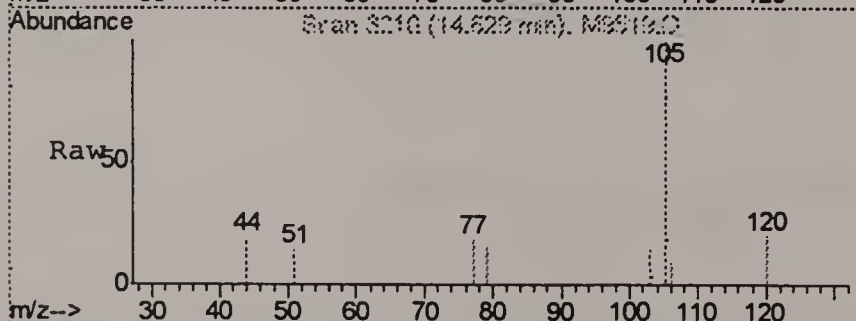


Abundance Ion 53.00 (52.70 to 53.70): M9519.D
Ion 75.00 (74.70 to 75.70): M9519.D
Ion 89.00 (88.70 to 89.70): M9519.D

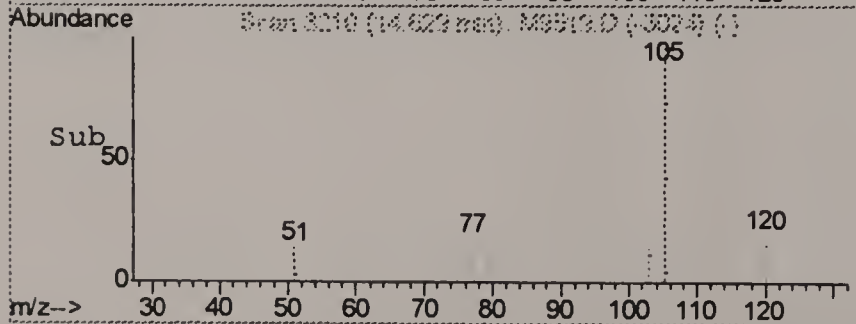
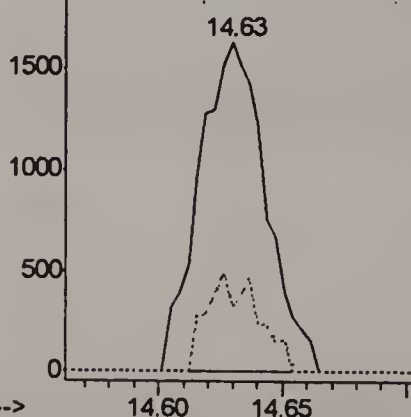


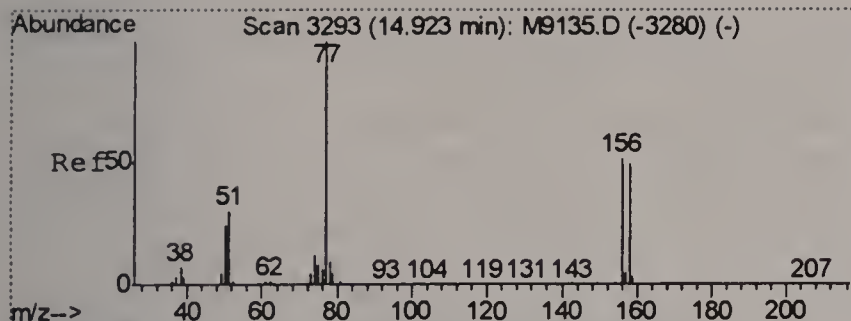
#83
isopropylbenzene
Concen: 0.93 ug/L
RT: 14.63 min Scan# 3210
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

Tgt Ion: 105 Resp: 3093
Ion Ratio Lower Upper
105 100
120 19.9 0.0 54.3



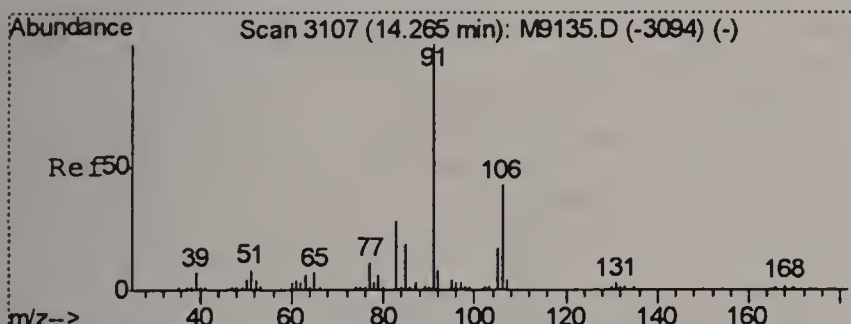
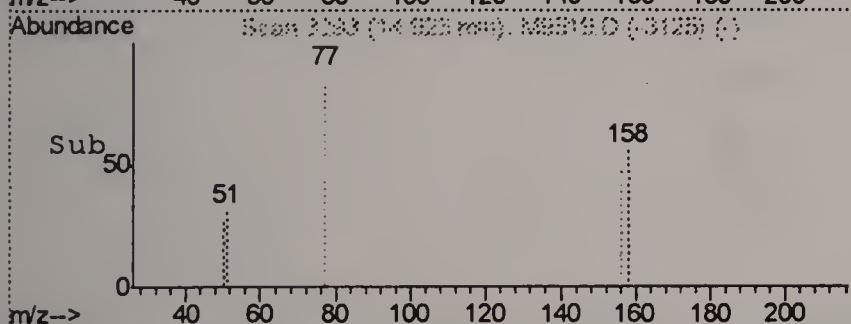
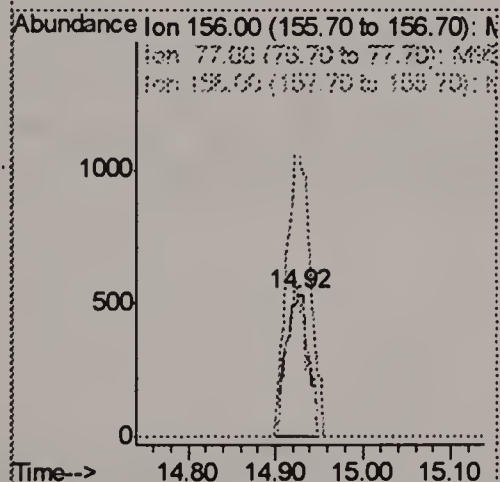
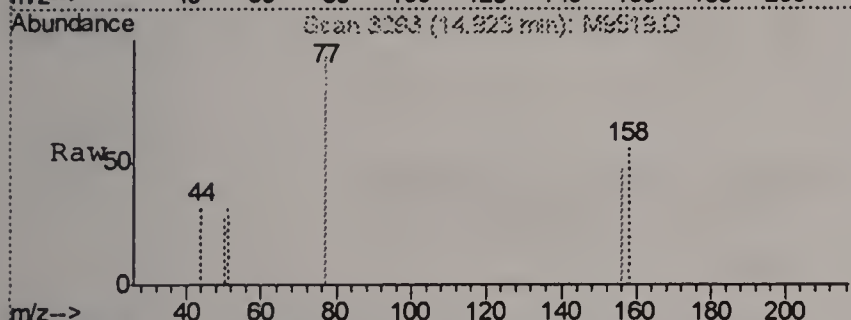
Abundance Ion 105.00 (104.70 to 105.70): M9519.D
Ion 120.00 (119.70 to 120.70): M9519.D





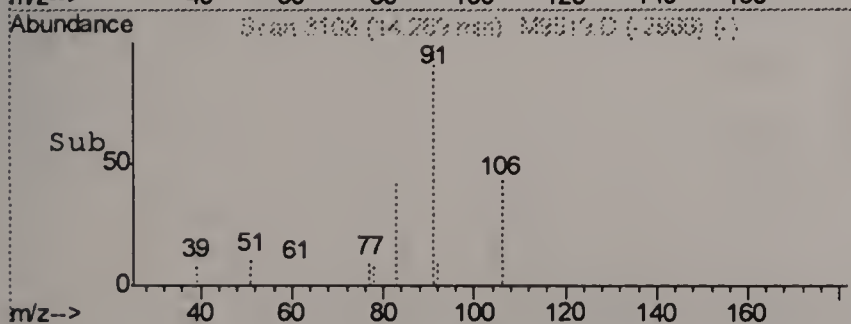
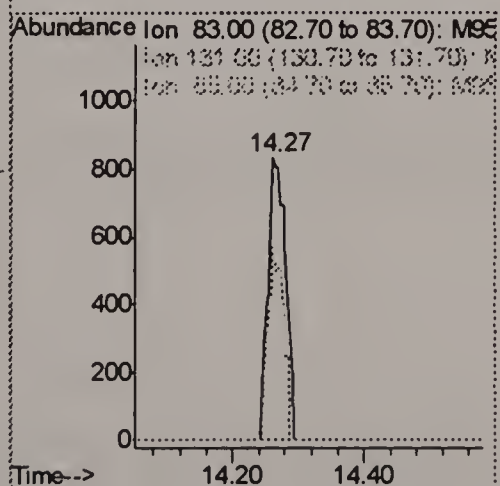
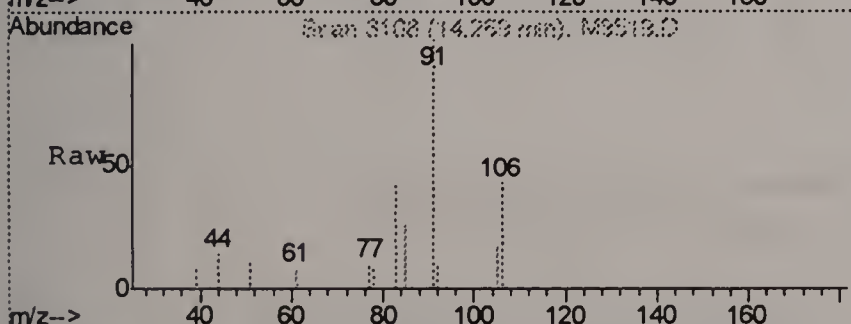
#85
bromobenzene
Concen: 1.18 ug/L m
RT: 14.92 min Scan# 3293
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

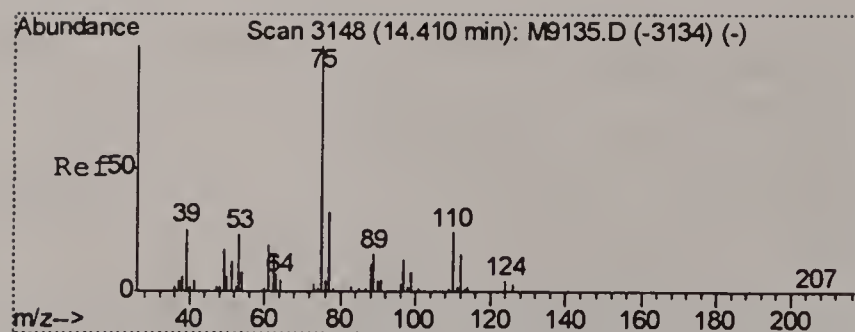
Tgt Ion	Ratio	Lower	Upper
156	100		
77	212.4	198.0	258.0
158	119.5	67.5	127.5



#86
1,1,2,2-tetrachloroethane
Concen: 1.53 ug/L m
RT: 14.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

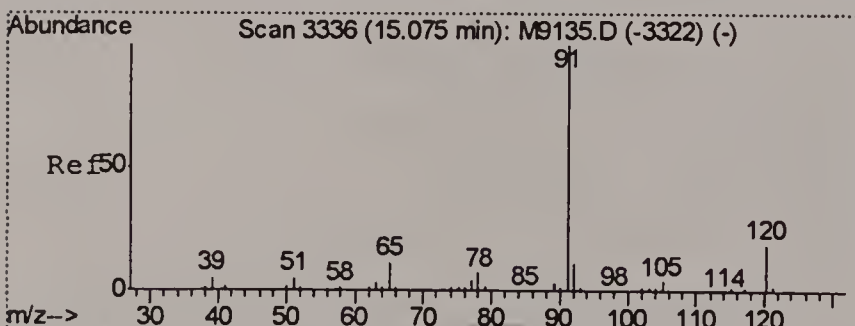
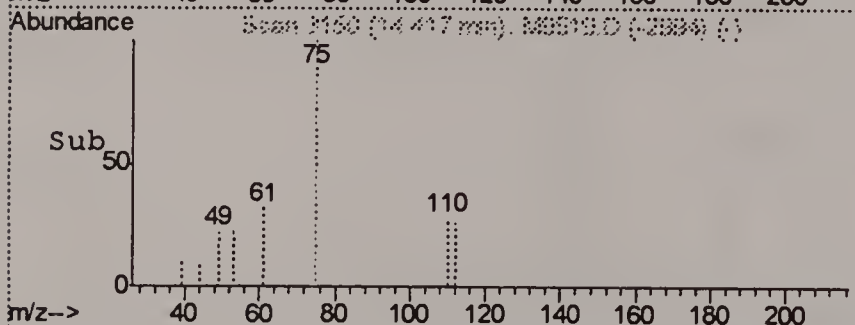
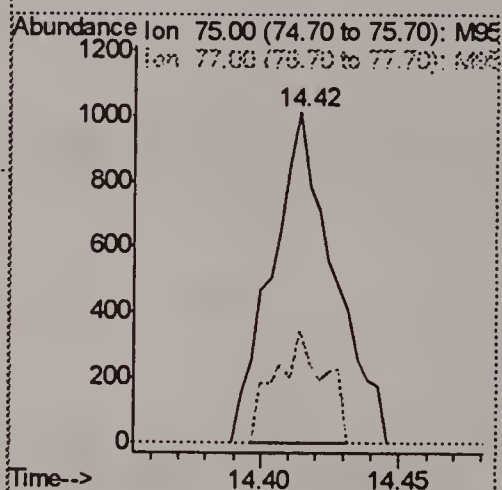
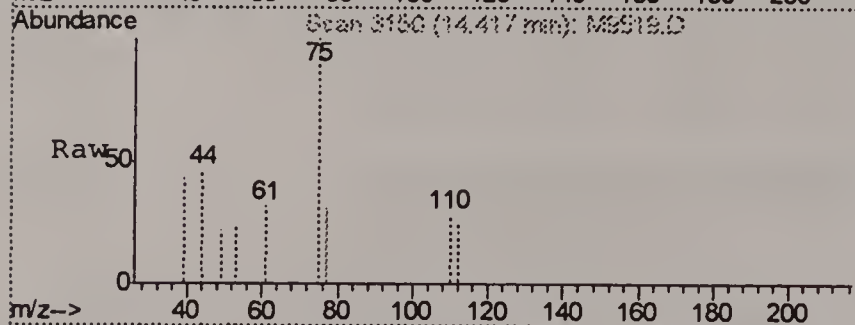
Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	38.9
85	62.5	36.0	96.0





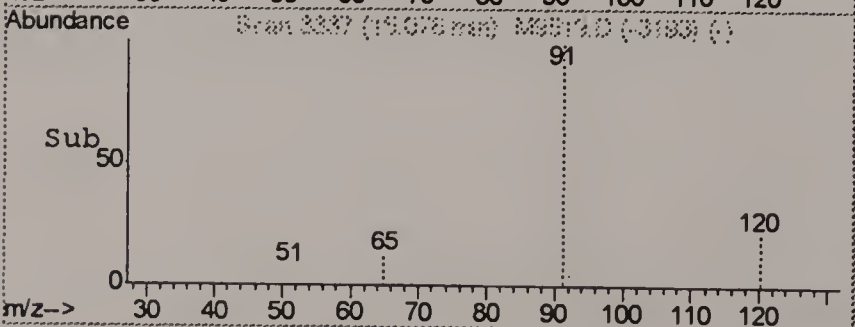
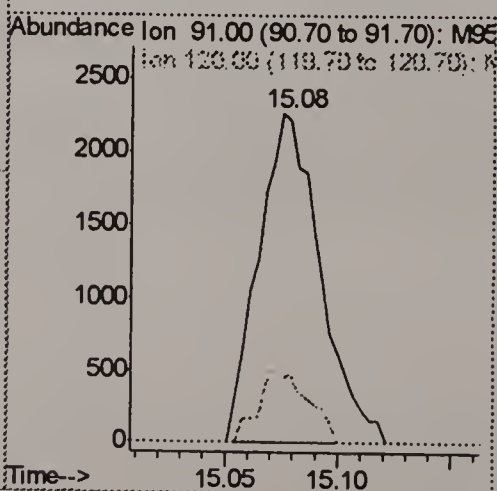
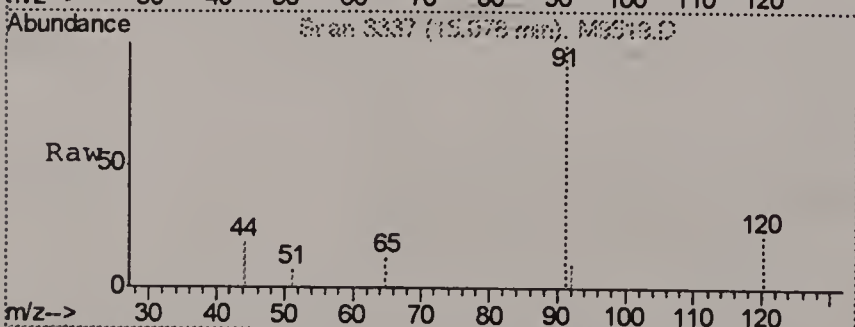
#87
1,2,3-trichloropropane
Concen: 1.26 ug/L
RT: 14.42 min Scan# 3150
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

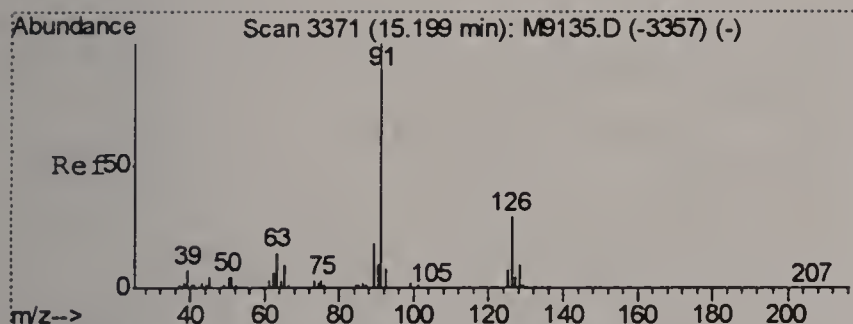
Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
77 31.3 0.7 60.7



#88
n-propylbenzene
Concen: 0.90 ug/L
RT: 15.08 min Scan# 3337
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

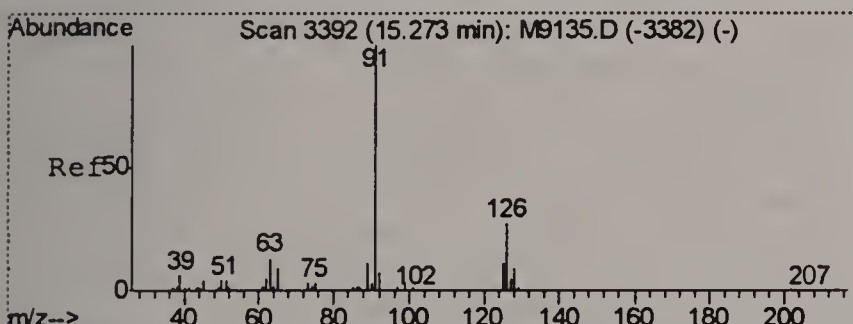
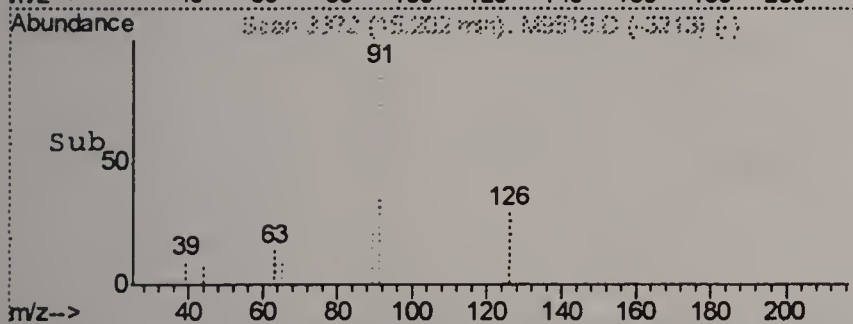
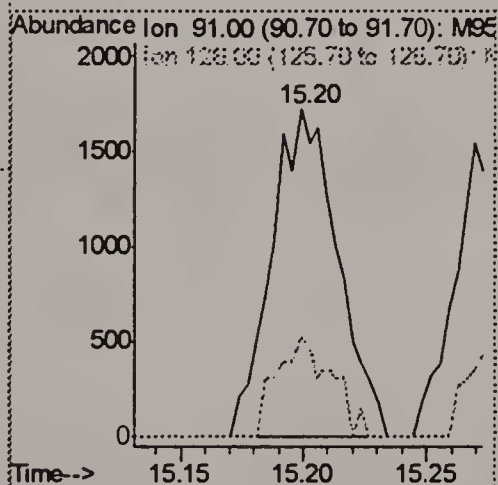
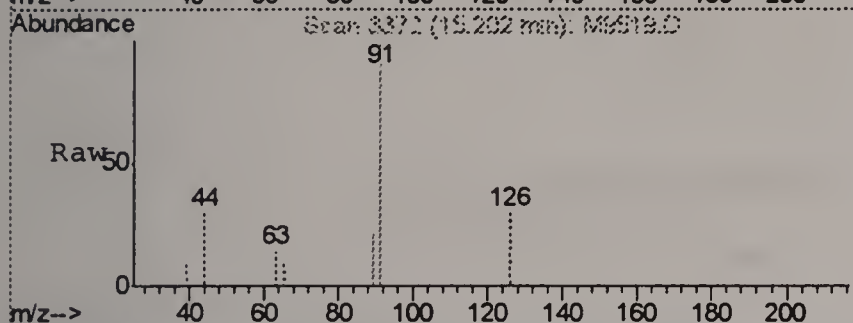
Tgt Ion: 91 Resp: 4338
Ion Ratio Lower Upper
91 100
120 21.3 0.0 49.9





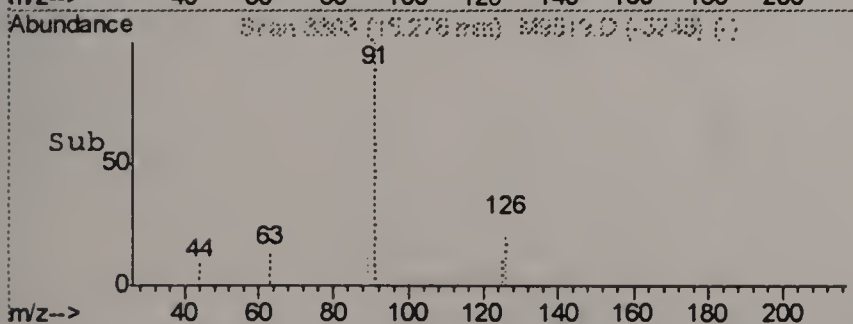
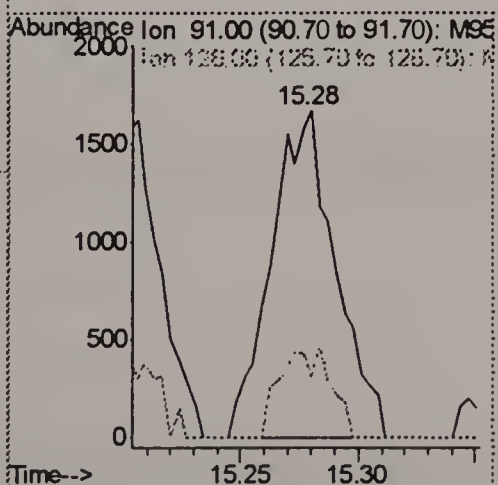
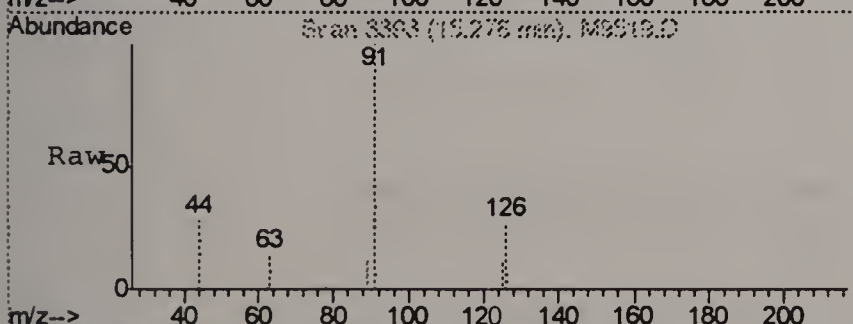
#89
2-chlorotoluene
Concen: 1.09 ug/L
RT: 15.20 min Scan# 3372
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

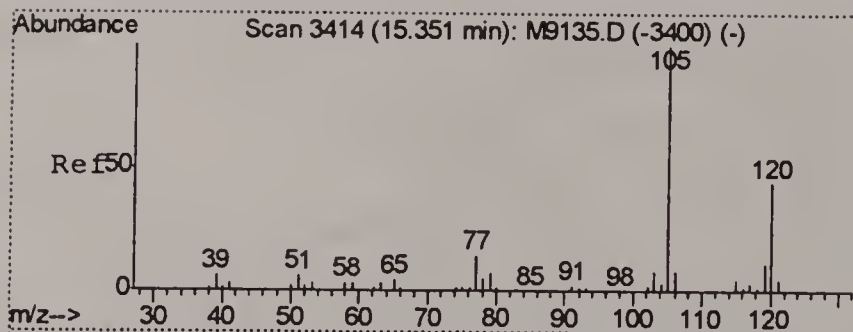
Tgt Ion: 91 Resp: 3228
Ion Ratio Lower Upper
91 100
126 30.5 0.0 57.3



#90
4-chlorotoluene
Concen: 1.05 ug/L
RT: 15.28 min Scan# 3393
Delta R.T. 0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

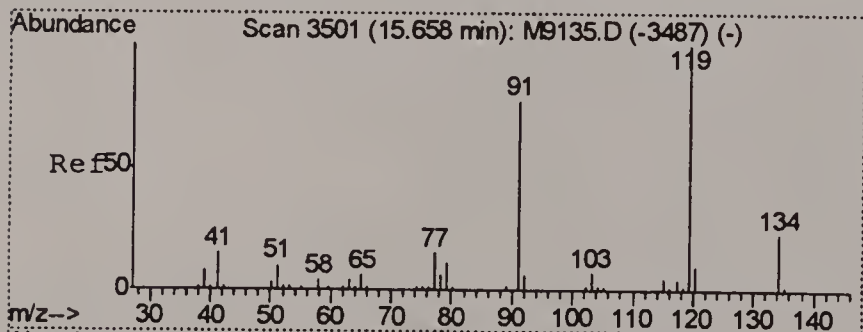
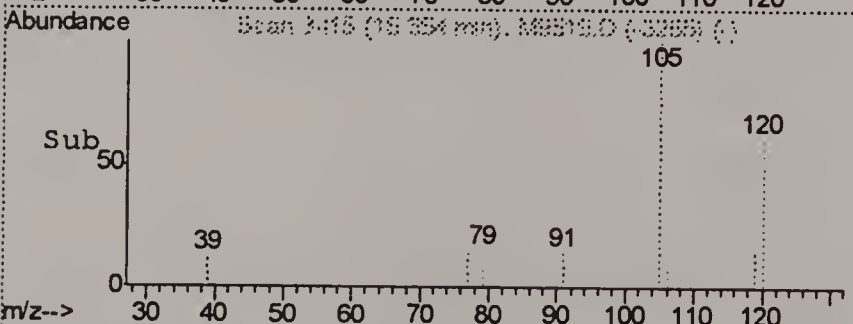
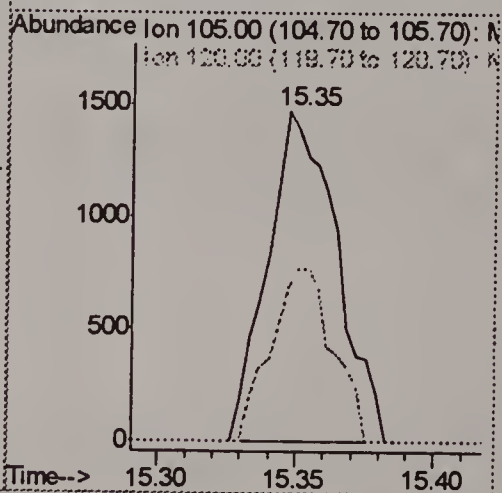
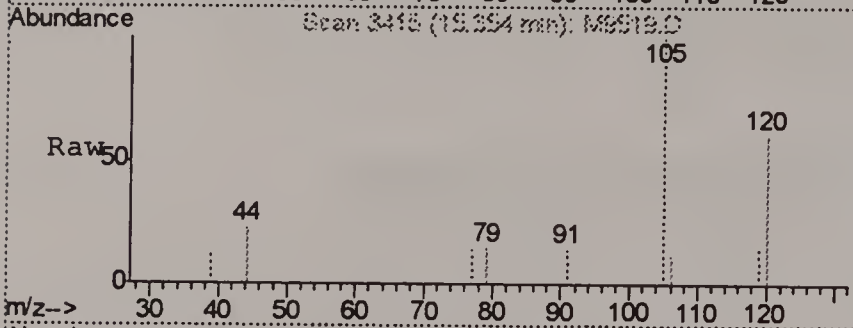
Tgt Ion: 91 Resp: 3177
Ion Ratio Lower Upper
91 100
126 27.5 0.0 57.7





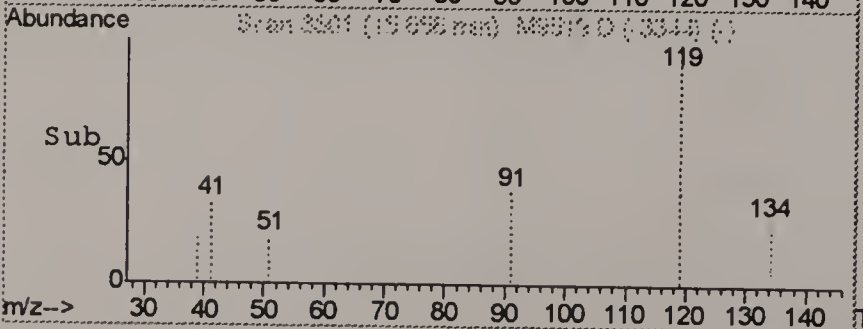
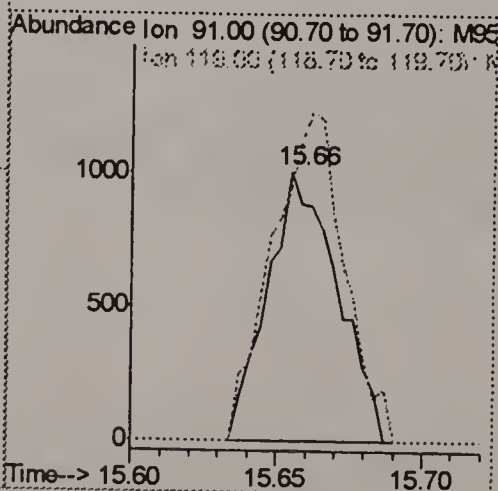
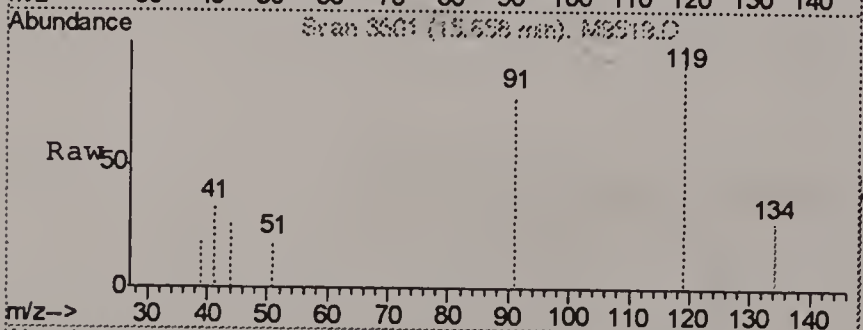
#91
1,3,5-trimethylbenzene
Concen: 0.86 ug/L
RT: 15.35 min Scan# 3415
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

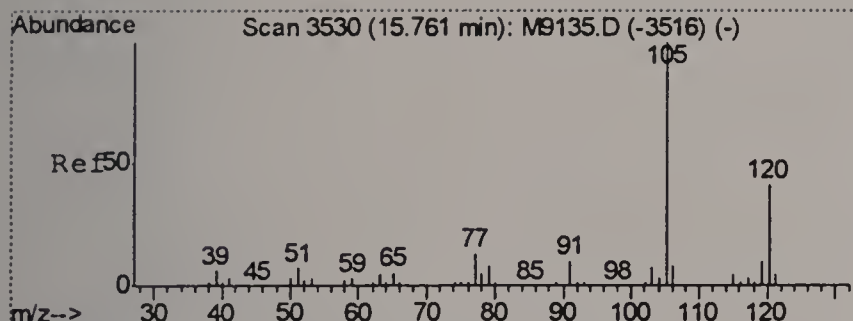
Tgt Ion: 105 Resp: 2572
Ion Ratio Lower Upper
105 100
120 61.3 17.6 77.6



#92
tert-butylbenzene
Concen: 0.87 ug/L
RT: 15.66 min Scan# 3501
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

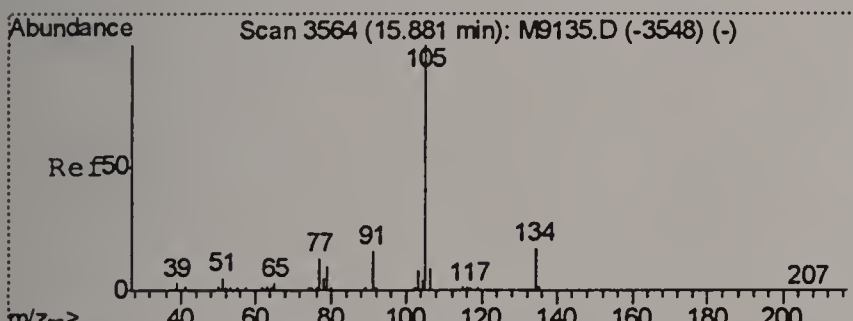
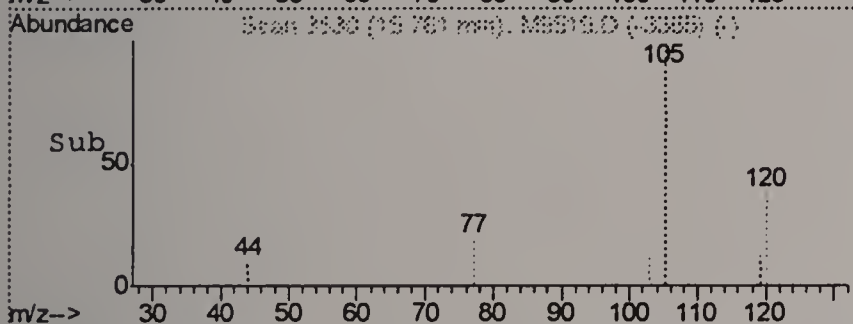
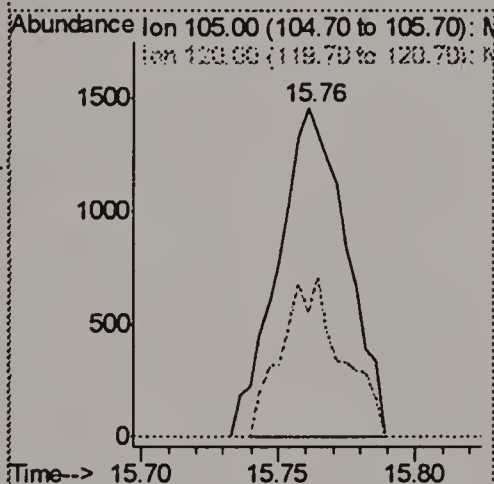
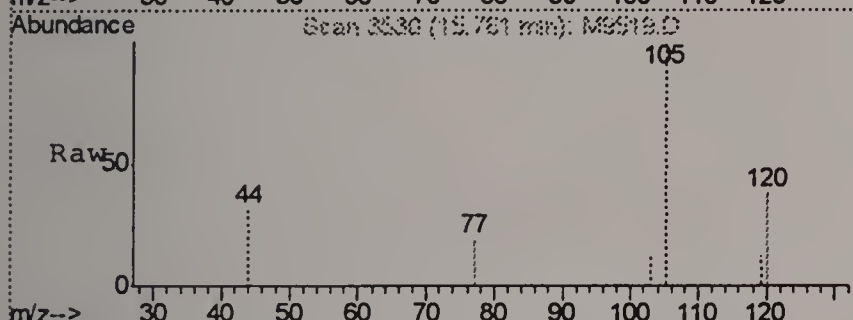
Tgt Ion: 91 Resp: 1675
Ion Ratio Lower Upper
91 100
119 125.8 98.4 158.4





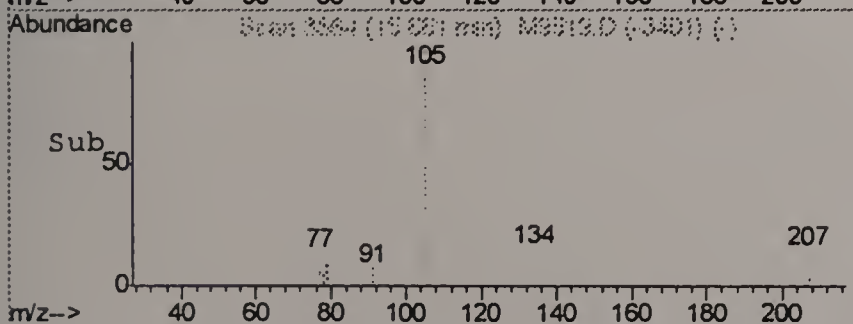
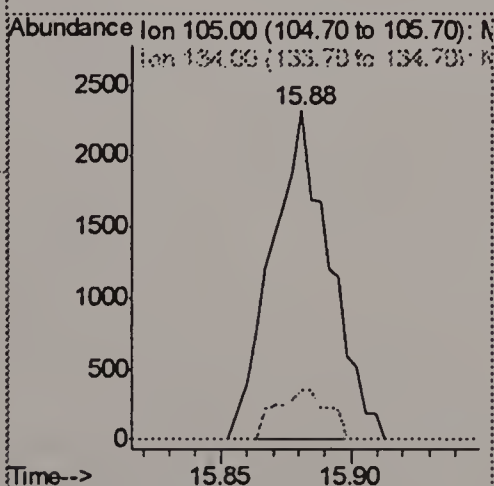
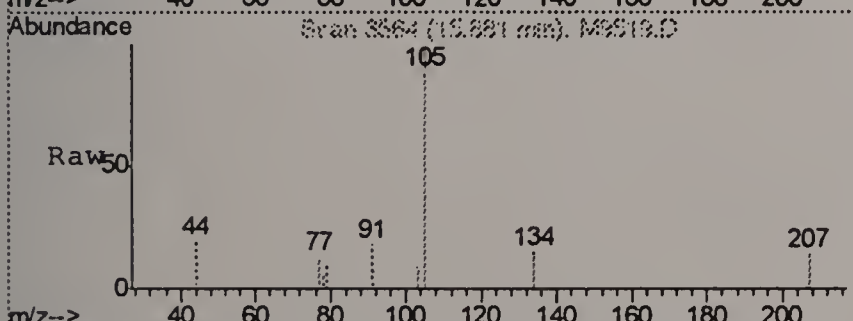
#93
1,2,4-trimethylbenzene
Concen: 0.89 ug/L
RT: 15.76 min Scan# 3530
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

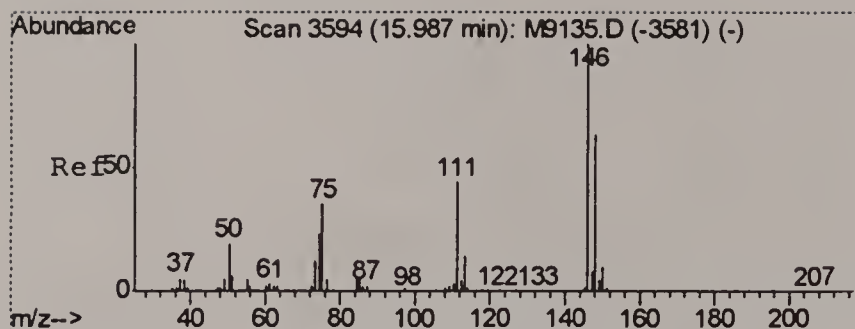
Tgt Ion: 105 Resp: 2545
Ion Ratio Lower Upper
105 100
120 38.2 12.5 72.5



#95
sec-butylbenzene
Concen: 0.94 ug/L
RT: 15.88 min Scan# 3564
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

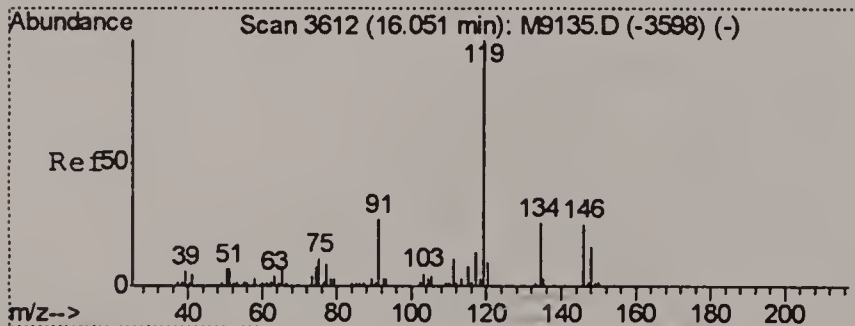
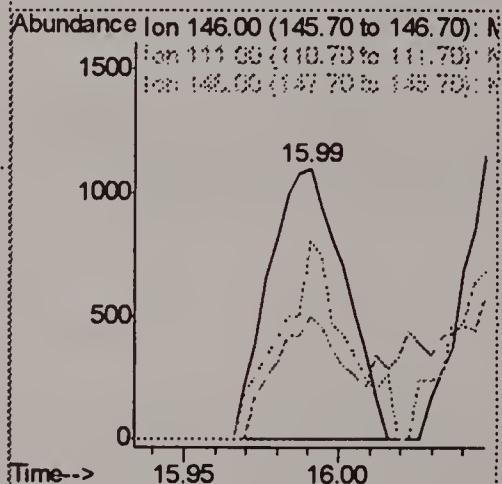
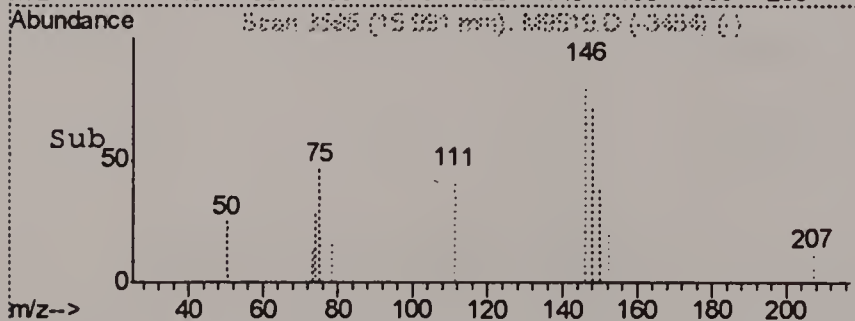
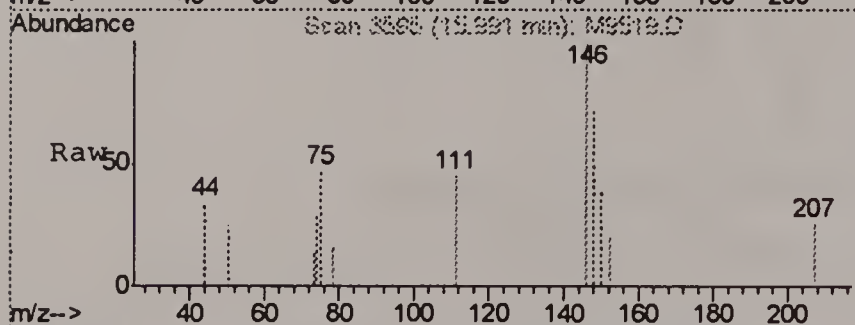
Tgt Ion: 105 Resp: 3628
Ion Ratio Lower Upper
105 100
134 15.0 0.0 46.7





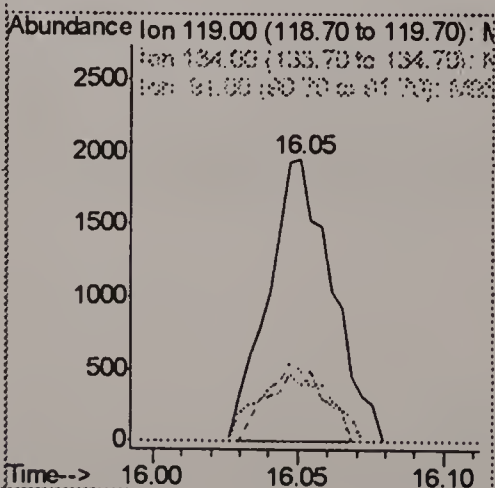
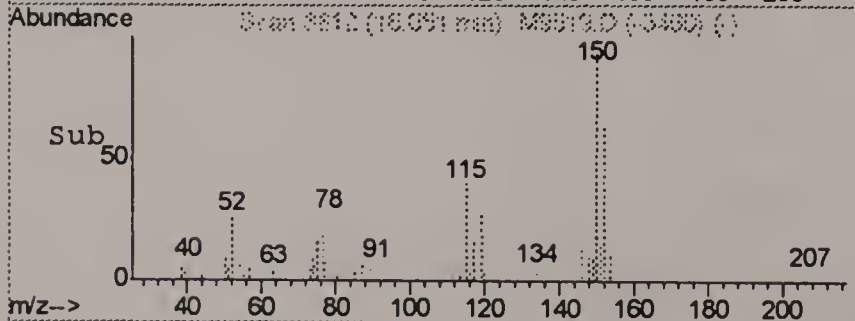
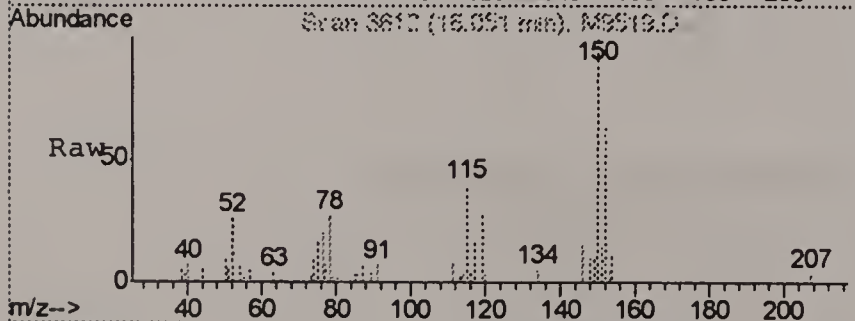
#96
1,3-dichlorobenzene
Concen: 1.24 ug/L
RT: 15.99 min Scan# 3595
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

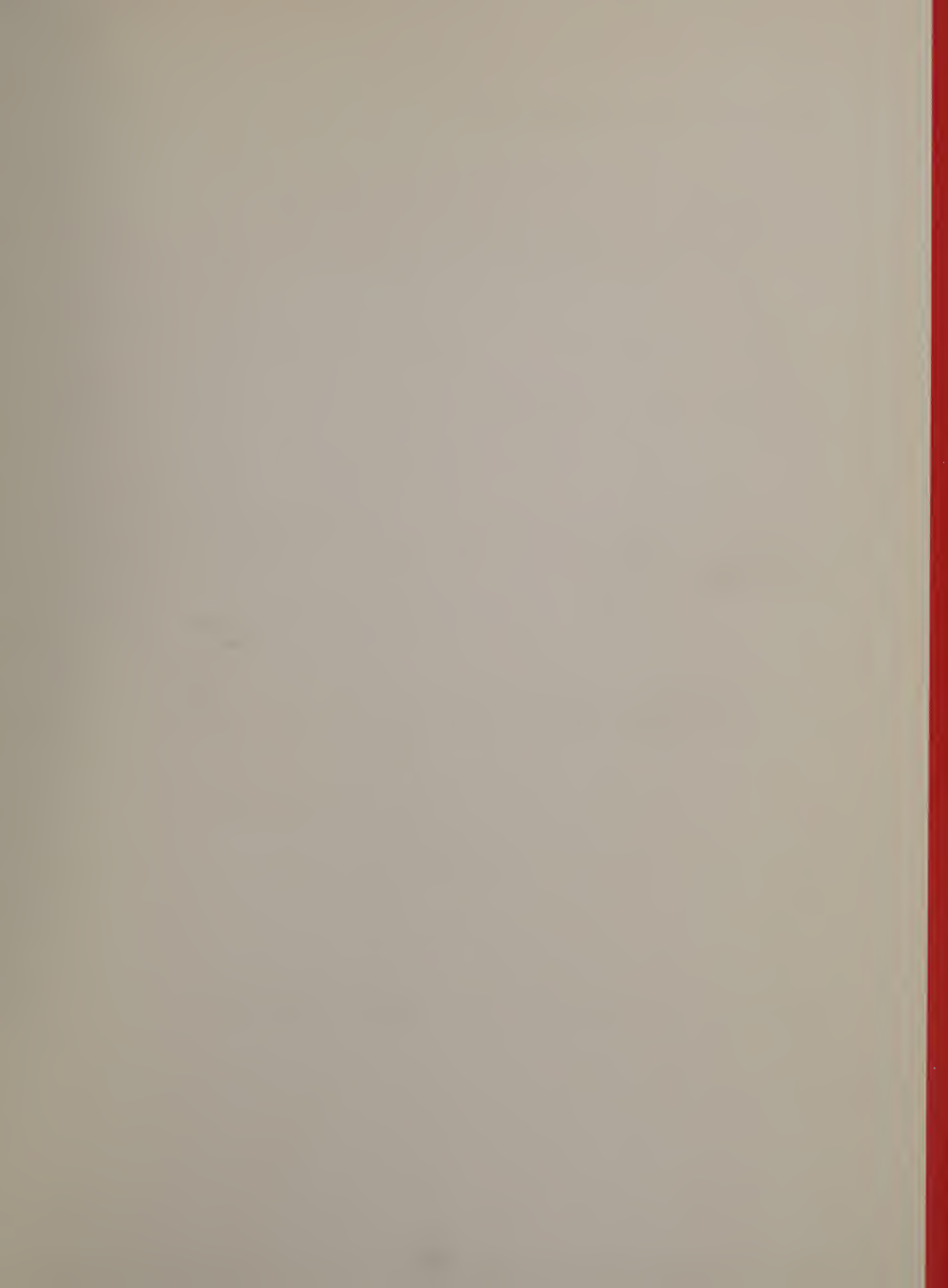
Tgt Ion:146 Resp: 1862
Ion Ratio Lower Upper
146 100
111 45.3 16.7 76.7
148 73.4 35.1 95.1



#97
p-isopropyltoluene
Concen: 1.10 ug/L
RT: 16.05 min Scan# 3612
Delta R.T. -0.00 min
Lab File: M9519.D
Acq: 5 May 2006 9:46 am

Tgt Ion:119 Resp: 2989
Ion Ratio Lower Upper
119 100
134 19.4 0.0 54.7
91 25.5 0.0 57.3





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